

**Hall Drilling
exception locations
Mary Post 1-6**

Docket 197-190

BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF THE REQUEST BY
HALL DRILLING, LLC FOR AN EXCEPTION DOCKET NO. 197
LOCATION REGARDING THE DRILLING OF ⁵ CAUSE NO. 190
THE PROPOSED MARY POST 1, 2, 3, 4 AND 6
WELLS TO BE LOCATED IN TENMILE DISTRICT,
HARRISON COUNTY, WEST VIRGINIA.

TRANSCRIPT OF PROCEEDINGS had or testimony
adduced in the above-entitled matter, on the on the 2nd day
of April, 2009, commencing at 10:00 a.m. and concluding at
11:00 a.m., at the Office of the Department of
Environmental Protection, 601 57th Street, S.E.,
Charleston, Kanawha County, West Virginia, pursuant to
notice to all interested parties.

BEFORE: BARRY LAY, Chairman
JAMES MARTIN, Member
ANTHONY GUM, Member
ROBERT RADABAUGH, Member
CYNTHIA RAINES, Staff

ORIGINAL

NANCY MCNEALY
CERTIFIED COURT REPORTER
Post Office Box 13415
Charleston, West Virginia 25360-0415
(304) 988-2873 FAX (304) 988-1419

APPEARANCES: ON BEHALF OF HALL DRILLING:

THOMAS WINCE

215 E. Washington Avenue
Post Office Box 249
Ellenboro, West Virginia 26346

Thomas Wince 5

Commission's Exhibits: Marked & Received

No. 1, Notice of Hearing	4
No. 2, Notice of Legal Advertisement	4
No. 3, Certified Mailing	4
No. 4, Applications	

Reporter's Certificate.....Page 26

1 CHAIRMAN MARTIN: Before the Oil and Gas
2 Conservation Commission of the State of West Virginia in
3 the matter of the Request by Hall Drilling, LLC for
4 Exception Locations Regarding the Drilling of the Proposed
5 Mary Post No. 1, 2, 3, 4, 5 & 6 to be Located in TenMile
6 District, Harrison County, West Virginia. This is Docket
7 197, Cause No. 190.

8 Let the record show that present are
9 members of the Commission James Martin, Anthony Gum, Barry
10 Lay, Robert Radabaugh, and Cindy Raines of Staff.

11 I'd like to place of record as Exhibit 1, a
12 copy of Notice of Hearing, Exhibit 2, a copy of an e-mail
13 confirming the publication, Exhibit 3, a copy of the
14 certified mail and Exhibit 4, copy of the applications
15 collectively.

16 (WHEREUPON, the Notice of Hearing
17 was marked as Exhibit No. 1, an E-
18 mail Confirming Publication was
19 marked as Exhibit No. 2, a copy of
20 the Certified Mailing was marked
21 as Exhibit No. 3 and a copy of the
22 Applications Collectively was
23 marked for identification and
24 received in evidence.)

1 CHAIRMAN LAY: And at this time the Commission
2 will take appearances.

3 MR. WINCE: I'm Tom Wince with Hall Drilling,
4 Field Engineer.

5 CHAIRMAN LAY: We can have the court reporter
6 swear the witness.

7 (Witness sworn.)

8 THEREUPON

9 **T H O M A S W I N C E**

10 called as a witness for the Applicant, having been duly
11 sworn, testified as follows:

12 CHAIRMAN LAY: Okay, do you want present evidence
13 that you brought before us today.

14 **DIRECT EXAMINATION**

15 THE WITNESS: Starting out with the Mary Post
16 No. 1. Lease name Mary Post lease, Harrison, TenMile
17 District, acreage 169.16 acres, Well No. 1. Distance from
18 the nearest lease line approximately 100 feet as shown on
19 plat. Permitted deep wells within 3,000 feet, permit 47-
20 33-5211, Hall Drilling, Mary Post No. 7. Proposed deep
21 wells within 3,000, Hall Drilling, Mary Post No. 2, Mary
22 Post No. 3, Hall Drilling Mary Post No. 4, Hall Drilling
23 Mary Post No. 5, Hall Drilling Mary Post No. 6, applying
24 for deep well permit to drill within a 100 feet into the

1 Onondaga per code. Hall Drilling has no issue drilling
2 within 3,000 feet of our wells as those wells listed above
3 in relationship to the proposed Mary Post No. 1.

4 CHAIRMAN LAY: Is there anything else that you
5 have with regard to the Mary Post No. 1?

6 THE WITNESS: Information, I just got the plats
7 with our package there handed out.

8 MR. RADABAUGH: One question I got, No. 7 was
9 already drilled, right?

10 THE WITNESS: No, sir.

11 MS. RAINES: It's been issued.

12 MR. RADABAUGH: Okay. Looking at the Mary Post
13 No. 1, and I think this is going to end up applying to all
14 these on the list, but you're asking to be within 3,000
15 feet -- No. 1 to be located within 3,000 feet of No. 7.
16 All these wells are going to be within a 3,000 feet --
17 3,000 feet, but I don't see anywhere on the survey plat or
18 anything where the exact footage has been.

19 I can't remember if it was Hall's or
20 somebody in the past we had requested they have the -- to
21 show exactly what was going to be between the proposed
22 wells.

23 THE WITNESS: Okay.

24 CHAIRMAN LAY: I don't know whether any of the

1 other applications show the distance between the wells.
2 This is all one docket so I mean we can -- if you have
3 anything that would show the distance or relationship
4 between all the wells on the lease.

5 THE WITNESS: I do not have any documentation of
6 that. Are you guys looking for just on that lease or all
7 of our own wells within 3,000 feet?

8 CHAIRMAN LAY: Well, if there are any other deep
9 wells within 3,000 feet, certainly any of these wells. Now
10 it appears that on the plat it only shows one proposed
11 well; that there are no other. It says no known permitted
12 deep wells within 3,000 feet.

13 THE WITNESS: At that time we didn't have No. 7
14 --

15 CHAIRMAN LAY: Permitted?

16 THE WITNESS: -- permitted, yeah.

17 CHAIRMAN LAY: But there are no other wells -- I
18 see the No. 7 on your map here.

19 THE WITNESS: Yeah.

20 CHAIRMAN LAY: Okay. Exactly what are you
21 requesting?

22 THE WITNESS: Approximately we're a 100 foot
23 from the lease line.

24 CHAIRMAN LAY: That's the second time you've said

1 approximately. How far are you?

2 THE WITNESS: Well, I can only go by the survey
3 plat. They got 100 feet plus or minus so that's why I say
4 approximately 100 feet. The lease line goes with the road
5 there. Usually they'll physically tape out the distance
6 but I see Smith Land Survey and they've always used a plus
7 or minus.

8 MR. GUM: Now all of these wells that you're
9 drilling, they're all less than or approximately a 100 feet
10 from the lease -- from the border, the boundary line?

11 THE WITNESS: They're all a 100 feet or more
12 from the boundary line.

13 MR. GUM: Is any of them 400 feet, 300 feet?

14 THE WITNESS: The No. 7 which we've already --

15 MR. GUM: Yeah.

16 CHAIRMAN LAY: So No. 7 meets the spacing
17 requirements of 400 feet?

18 THE WITNESS: Yes, sir.

19 CHAIRMAN LAY: So you're requesting an exception
20 to the 400 foot spacing rule and to the 3,000 foot spacing
21 rule; is that correct?

22 THE WITNESS: Yes, sir.

23 CHAIRMAN LAY: For the remaining six locations?

24 MR. MARTIN: Mary Post is the mineral owner?

1 THE WITNESS: She owns the majority of the
2 royalty, I believe. I believe she does.

3 MR. MARTIN: So is the configuration of the
4 wells in terms of their location, was that kind of a
5 mutually-agreed upon thing between her and --

6 THE WITNESS: She is easy -- she was easily --
7 we got along with her pretty easy. She was pretty pleased
8 with our location spots. Due to terrain we've got wells on
9 the ridge and we've got wells in the bottom and then we
10 just had to space out. We spaced our wells out about 1,000
11 feet, so we utilized her lease as best as we can with the
12 pattern that we came up with.

13 MR. MARTIN: Who controls the adjoining leases?

14 THE WITNESS: I know there's a firm called
15 Anterra. They are two leases over and I think some of the
16 adjoining leases around are held by Production. I think
17 PDC has an adjoining lease. Some of the smaller tracts I
18 could not tell you.

19 MR. MARTIN: So the locations if I'm looking at
20 the No. 4, 5, 6 and, of course, 7 -- well, I believe it's
21 already permitted, but those were all picked because of
22 there being on the ridge; is that -- I mean that was the
23 reason for this?

24 THE WITNESS: Yes, being able to drill, the

1 location was buildable on the ridge there. The way this
2 lease lays, you go up along the road, you have some bottom
3 and then you go up on the ridge, you got the ridge, and the
4 way it was -- it was wide enough to put wells on the bottom
5 and the ridge.

6 MR. GUM: Now you're drilling these wells, like
7 4, 5 and 6, only 1,000 feet apart?

8 THE WITNESS: 1,000 feet. That's our minimum.
9 They could be more than a 1,000. It depends on the terrain
10 and we could find a suitable location.

11 CHAIRMAN LAY: You had no objections from the
12 surface owner with regard to drilling wells on a 1,000 feet
13 spacing?

14 THE WITNESS: No objections.

15 MR. MARTIN: I'm assuming that she had signed
16 waivers. I haven't noticed that.

17 THE WITNESS: Yes, she --

18 MR. MARTIN: She's signed waivers on all these?

19 THE WITNESS: I've seen them signed. This was
20 staked out before I was employed, but I've seen the waivers
21 signed.

22 MR. RADABAUGH: I seen one in one of them.

23 CHAIRMAN LAY: The applications are in here.

24 MR. MARTIN: Yeah, the No. 1 has got a waiver.

1 I think No. 2 has a waiver.

2 MR. GUM: But Mary Post does not own the surface?

3 CHAIRMAN LAY: According to this, she does.

4 THE WITNESS: I believe she does.

5 MR. GUM: Okay, that's what I was --

6 THE WITNESS: Yes.

7 CHAIRMAN LAY: Surface owner, Mary Post, et al.

8 Royalty owner Mary Post, et al. I don't know who the et al
9 is, but do you have their permission as well?

10 THE WITNESS: I can only assume that we do.

11 Like I said, this was staked up before my employment, but,
12 you know, we usually get the okay with all the involved
13 parties who has any interest in the surface.

14 CHAIRMAN LAY: She signed it as agent. I don't
15 know what that means. Do you have any idea?

16 THE WITNESS: No, sir, I don't. Unless it could
17 be under a trust for --

18 MR. GUM: You've got so many members in the
19 family that or own those leases or that gas under there.

20 CHAIRMAN LAY: It could be.

21 MR. GUM: And she's the agent as far as I know;
22 that's the only thing I could figure what it is to use the
23 word agent.

24 MR. MARTIN: Does someone live on the property?

1 THE WITNESS: No one lives on the lease tract.
2 I believe no one -- there's some old dwellings down at the
3 -- towards Route 50. The farm is leased and a guy runs
4 cattle on the farm and uses it for agriculture use so.

5 CHAIRMAN LAY: Is there a specific reason as to
6 why you're drilling the wells a 1,000 feet apart?

7 THE WITNESS: That's something we came up with
8 in-house, 1,000 feet in the Marcellus formation and we
9 haven't drilled anything closer than around 1,000. We
10 haven't had any communication that that's, so we've just
11 retained 1,000 foot spacing.

12 MR. MARTIN: What kind of completion do you
13 have on these? What kind of fracture treatment? These are
14 vertical wells, right?

15 THE WITNESS: These are just vertical wells,
16 yes.

17 MR. MARTIN: What kind of fracture treatment do
18 you have?

19 THE WITNESS: I don't know a whole lot about the
20 frac'ing process. I'm more of the land man field engineer,
21 but we use Universal Frac'ing Services and, you know, we
22 use the slick water with the sand.

23 MR. MARTIN: What kind of volumes?

24 THE WITNESS: Volumes, around 16,000 barrels was

1 I know the pit sizes we tried to have as far as the
2 freshwater pit for the frac'ing company. It's around 15-,
3 16-, 17,000 is what I was told to make sure we have that
4 size in the field so I don't know what they pumped into the
5 well, I mean, and what they get in return.

6 MR. MARTIN: No nitrogen? It's just all -

7 THE WITNESS: Just slick water, yes.

8 MR. MARTIN: Do you know how much sand?

9 THE WITNESS: I honestly could not tell you. I
10 remember some figures, you know, around the office there,
11 but, you know, we have a frac engineer on board, Larry
12 Reed. He takes care of that for us so with Universal.

13 MR. MARTIN: I don't remember your wells being
14 that close together in the past.

15 CHAIRMAN LAY: They haven't been.

16 THE WITNESS: I believe they were around -- you
17 know, we've had wells around 1,000 feet in the past. We
18 haven't had them any closer than that, no.

19 CHAIRMAN LAY: Well, just looking at your map
20 based upon the scale at the bottom and just using a pen, I
21 don't have a scale with me, but it appears that some of
22 them are less than a 1,000 feet on this map.

23 MR. RADABAUGH: I know if you look at this rec
24 plan where they've got the road figures, you've got some of

1 them that are actually over a 1,000 feet. This one you've
2 got one here that's a 1,000. You've got another one that's
3 going to be over a 1,000. Down here is a 1,000. For all
4 intents and purposes, I think they are a 1,000
5 approximately at the minimum.

6 MR. MARTIN: Looks like between the 6 and 7 is
7 over a 1,000 roughly. The 5 and the 6 is right at a 1,000.
8 The 4 and the 5 maybe a little over, but the 2 and the 3 is
9 right at a 1,000 and the 1 and 7 is right at a 1,000 is
10 what I'm seeing.

11 MR. RADABAUGH: Yeah.

12 CHAIRMAN LAY: Yeah, that's pretty much at a
13 guess.

14 MR. MARTIN: The 3 and 4 maybe a little over a
15 1,000. So what you're saying is you believe your minimum
16 is a 1,000.

17 THE WITNESS: Yes. Our minimum is a 1,000.

18 MR. MARTIN: But do you have -- I mean do you
19 have a number that you shoot for? I mean do you shoot for
20 --

21 THE WITNESS: A 1,000 or over is what I shoot
22 for.

23 MR. MARTIN: And you're happy with a 1,000?

24 THE WITNESS: If it's a 1,000, yes.

1 MR. MARTIN: You're not looking at 1,200 or
2 1,500 as the optimum spacing. You're looking at --

3 THE WITNESS: It all depends on, you know, the
4 terrain you're on, if we can get a better location at 1,200
5 or 1,400 or 1,500.

6 MR. MARTIN: Well, let me ask it this way. If
7 the location issue is the same --

8 THE WITNESS: Uh-huh (yes).

9 MR. MARTIN: -- would you be drilling at a
10 1,000 or 1,200?

11 THE WITNESS: If it would reserve the space
12 cause there's another well on the lease at a 1,000, we
13 would drill at a 1,000.

14 CHAIRMAN LAY: It appears here that there is a
15 coal owner with declaration. Is that the case?

16 THE WITNESS: I don't know that. The coal owner
17 -- usually in that area is the Tietrick heirs.

18 CHAIRMAN LAY: I assume they've been noticed?

19 THE WITNESS: Yes.

20 CHAIRMAN LAY: There's no sign-off from them, a
21 coal waiver?

22 THE WITNESS: This Harrison County, I believe
23 it's the Tietrick heirs in that area and usually we just
24 contact them by phone and they usually give us a sign-off.

1 It should be in that packet.

2 MR. RADABAUGH: I see the notification.

3 CHAIRMAN LAY: So they've been noticed?

4 THE WITNESS: Yes.

5 CHAIRMAN LAY: Let's go off the record for a
6 moment.

7 (WHEREUPON, a discussion was had
8 off the record, after which the
9 proceedings continued as follows:)

10 CHAIRMAN LAY: Let's go back on the record.

11 Okay.

12 MR. RADABAUGH: Well, the notification has been
13 out for two months. They've been noticed for two months.

14 MR. MARTIN: Do you know how close any mining
15 activity is?

16 THE WITNESS: Personally, I do not, no. I don't
17 know that. I know mining activity, Marion and Harrison
18 County, there's a lot of mine activity in the Marion and
19 Harrison County line up north there. There's some old mine
20 areas.

21 CHAIRMAN LAY: Yeah, you've got your certified
22 receipt is mailed February -- I can't tell whether it's the
23 12th or the 2nd.

24 MR. RADABAUGH: But they were also notified of the

1 hearing.

2 CHAIRMAN LAY: They were also notified of the
3 hearing, so they're not here. Apparently, they have no
4 objections cause they didn't send any.

5 MR. MARTIN: Do you know if you received green
6 cards back?

7 THE WITNESS: Received our green cards? I don't
8 know that.

9 MR. MARTIN: From the coal -- from the Tietrick
10 heirs or whoever that was?

11 THE WITNESS: I don't know that for sure.

12 CHAIRMAN LAY: Okay. Any other questions?

13 MR. GUM: The only questions I have and as more
14 of a layman than anything else, when you come before this
15 Board, I'd like for you to really -- like for the distance,
16 we're sitting here trying to figure out the distance in
17 here, and I don't know if a 1,000 or 800 or 1,200, but why
18 wouldn't you simply say it's 1,200, it's 1,100, it's --
19 and, you know, having that concrete data for us before you
20 come down here, and we don't have to use a pencil to figure
21 out where it is.

22 THE WITNESS: I apologize for that. I should
23 have had that.

24 MR. GUM: And if there's coal mine with a

1 district, you ought to know that. So just a little bit of
2 information that -- and I know you're new and starting this
3 and they put it on you pretty fast, but I think you'd be
4 better off when you came to know that kind of stuff.

5 THE WITNESS: Okay.

6 MR. RADABAUGH: Yeah, on some of this, I believe
7 some of this information we had gave back to Greg Smith at
8 some point cause one of his clients had been here before
9 and it may have been Hall, but, of course, these may have
10 been done prior that we did that. I mean I don't know, I
11 mean the surveying work, but I guess the point is Greg and
12 his people should know by now to do that too.

13 MR. MARTIN: I've got -- are we going to be
14 getting a request for a location due east of the Mary Post
15 7 here pretty soon; that's the only spot you haven't hit
16 yet, so is that -- should we expect that one next month or
17 the month after or what, and there's a ridge top there too.

18 THE WITNESS: Yes.

19 MS. RAINES: On the same track there is?

20 MR. MARTIN: Yeah, the same lease.

21 MS. RAINES: Oh, okay.

22 MR. MARTIN: It looks like the same lease.

23 THE WITNESS: It's the same lease, yes, sir.

24 From this present time there's no talk about putting a

1 location up there, but --

2 MR. MARTIN: I'm not encouraging you or
3 anything. I'm just asking.

4 THE WITNESS: Okay.

5 CHAIRMAN LAY: Okay. Anything else? Marty?

6 MR. MARTIN: No.

7 CHAIRMAN LAY: Bob?

8 MR. RADABAUGH: I guess just the only thing is
9 we've kind of shuffled around here a little bit, but I
10 guess just run down through for sure all -- all the wells
11 he's asking for the same thing, right?

12 THE WITNESS: Uh-huh, yes.

13 CHAIRMAN LAY: It appears that you should be
14 asking us, but I'm going to say it to clarify it and make
15 sure that I understand it. So you've got all the 1, 2, 3,
16 4 and 5 and 6 are at least 100 feet from the nearest
17 property boundary?

18 THE WITNESS: Yes.

19 CHAIRMAN LAY: Is that your testimony?

20 THE WITNESS: Yes.

21 CHAIRMAN LAY: And that there are least 1,000
22 feet apart; is that correct?

23 THE WITNESS: Yes.

24 CHAIRMAN LAY: And you have the surface owners or

1 its agents sign off on the surface waiver; is that correct?

2 THE WITNESS: Mary Post has signed off on the
3 waivers, surface waivers.

4 CHAIRMAN LAY: The wells will be closer than
5 3,000 feet; is that correct?

6 THE WITNESS: Yes.

7 CHAIRMAN LAY: So you're asking for an exception
8 location to the rules, the 400 foot and the 3,000 foot
9 spacing rule?

10 THE WITNESS: Yes.

11 CHAIRMAN LAY: Okay.

12 MR. MARTIN: Let me, Barry, if I could. Are
13 there, and I'm assuming that your plat would show that, but
14 are there, other than these Mary Post wells, are there
15 other -- would there be other deep wells within 3,000 feet
16 of any of these?

17 THE WITNESS: No, sir.

18 CHAIRMAN LAY: Marty, there is on the -- I think
19 it is on the plat, then there's a copy of a well spot map
20 and it doesn't show anything else but on the plat itself
21 they're showing one permit and it may be an application
22 because it doesn't show a well symbol would be Harrison
23 County permit number 18.

24 MR. MARTIN: Which permit application is that?

1 CHAIRMAN LAY: I'm looking at the No. 1, and I'm
2 a little bit puzzled because the circle says there are no
3 known permitted deep wells within that circle, but...

4 MR. MARTIN: Some of the other plats also had
5 wells within that 3,000 foot circle, but I think all the
6 narrative associated with the circle indicates there are no
7 known permit deep wells.

8 THE WITNESS: Yes.

9 MR. MARTIN: So the circles that are spotted --
10 the wells that are seemingly spotted inside the circle,
11 what kind -- those aren't deep wells?

12 THE WITNESS: No, it's not. Those wells that
13 are spotted within the circle are not deep wells and
14 there's a copy of shot sheets on the packet that I handed
15 out that shows those circles.

16 CHAIRMAN LAY: This is what I was looking for.

17 MR. MARTIN: Do you know what formation the No.
18 18, permit number 18 is in?

19 THE WITNESS: The only information that I was
20 able to obtain was this well plat from the state.

21 MR. MARTIN: Can I see that, please?

22 THE WITNESS: Yes.

23 MR. MARTIN: So you don't know what formation
24 this is in?

1 THE WITNESS: No, sir.

2 MR. MARTIN: So this could be a deep well?

3 THE WITNESS: It could be. I don't know that
4 information.

5 MR. MARTIN: Any other ones like that on the
6 other wells where you've got wells inside your 3,000 foot
7 circle that there's a question about the depth?

8 THE WITNESS: No, sir.

9 MR. MARTIN: So all those you have well records
10 on. They all are definitely shallow wells?

11 THE WITNESS: Yes, sir.

12 CHAIRMAN LAY: Anything else?

13 MR. GUM: And you're also requesting 100 feet
14 into the Onondaga, right?

15 THE WITNESS: Yes, sir.

16 MR. GUM: For all of them?

17 THE WITNESS: Yes, sir.

18 MR. GUM: Okay.

19 MR. MARTIN: I think the application says 80.

20 MR. RADABAUGH: Well, I think he stated 100 or at
21 least the application says 80 feet.

22 MR. GUM: In your comments you asked a 100?

23 THE WITNESS: Hundred, yes, that's correct.

24 MR. RADABAUGH: But the application it's marked on

1 there.

2 MR. GUM: Okay, that's fine.

3 CHAIRMAN LAY: Okay. Bob?

4 MR. RADABAUGH: No.

5 CHAIRMAN LAY: Tony?

6 MR. GUM: Nothing else.

7 CHAIRMAN LAY: Marty?

8 MR. MARTIN: No.

9 CHAIRMAN LAY: Okay, we'll go off the record
10 then. Okay, I forgot to ask. Cindy, do you have any
11 questions.

12 MS. RAINES: No.

13 (WHEREUPON, the Commission
14 deliberated, after which the
15 proceedings continued as follows:)

16 CHAIRMAN LAY: Let's go back on the record. Do I
17 have a motion?

18 MR. RADABAUGH: I want to make a motion for the
19 request that Hall Drilling had made on the Mary Post lease
20 wells, proposed wells No. 1, No. 2, No. 3, No. 4, No. 5,
21 and No. 6, they had requested exception locations to be
22 within 400 feet of a lease line, to drill within 3,000 feet
23 of other deep wells and to drill a 100 feet into the
24 Onondaga. I request that we leave the record open till

5 MR. GUM: And I second that motion.

9 COMMISSION: Aye.

11 MR. GUM: You understand what we told you? We
12 want the exact numbers rather than minus or plus or maybe.

14 THE WITNESS: Yes, sir, I understand that.

17 || MR. GUM: No.

21 (Witness stands aside.)

(WHEREUPON, the proceeding was
left open for more information.)

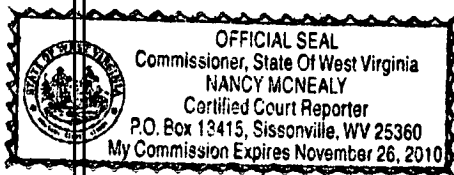
REPORTER'S CERTIFICATE

STATE OF WEST VIRGINIA,
COUNTY OF KANAWHA, to wit:

I, **NANCY MCNEALY**, Certified Verbatim Court Reporter and Commissioner of West Virginia, do hereby certify that the foregoing is, to the best of my skill and ability, a true and accurate transcript of all the proceedings as set forth in the caption hereof.

Given under my hand this 26th day of April, 2009.

My commission expires November 26, 2010.



Certified Verbatim Reporter
Commissioner of West Virginia

EXHIBITS



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street, SE Charleston, WV 25304
(304)926-0499, Ext 1656

Joe Manchin III, Governor
Randy C. Huffman, Cabinet Secretary
www.wvdep.org

**BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF WEST VIRGINIA**

IN THE MATTER OF THE REQUEST BY HALL
DRILLING, LLC FOR EXCEPTION LOCATIONS
REGARDING THE DRILLING OF THE PROPOSED
MARY POST 1, 2, 3, 4, 5 AND 6 WELLS TO BE
LOCATED IN TENMILE DISTRICT, HARRISON
COUNTY, WEST VIRGINIA.

DOCKET NO. 197
CAUSE NO. 190

NOTICE OF HEARING

Hall Drilling, LLC ("Hall") has requested the Commission grant an exception to Rule 39.1.4.2 for the proposed wells identified as the Mary Post #1, #2, #3, #4, #5 and # 6 to be located in Harrison County, West Virginia. The proposed well locations do not meet the spacing requirements imposed on deep wells; therefore, Hall has requested approval from the Commission for an exception to the rule as provided in 39.1.4.3.

The matter has been scheduled as stated below:

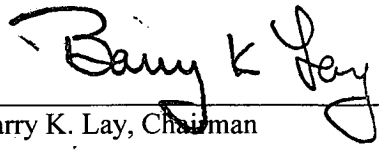
DATE: April 2, 2009

TIME: 10:00 am

PLACE: Department of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

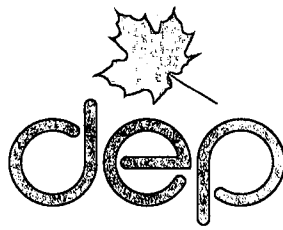
IN THE NAME OF THE STATE OF WEST VIRGINIA

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF WEST VIRGINIA

By: 
Barry K. Lay, Chairman

Dated this 6th day of March, 2009, at Charleston, West Virginia.

Promoting a healthy environment.



COPY

west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street, SE Charleston, WV 25304
(304)926-0499, Ext 1656

Joe Manchin III, Governor
Randy C. Huffman, Cabinet Secretary
www.wvdep.org

March 9, 2009

The Herald Record
Attention: Legal Advertisement
P202 E Main Street
West Union, WV 26456

**RE: Class 11 - Legal Advertisement
Docket No. 198-191**

Dear Sir:

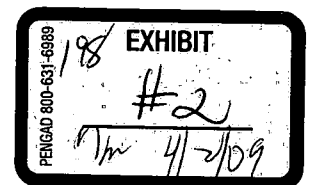
Please print the enclosed Notice of Hearing as a Class 11 legal advertisement in the Herald Record newspaper, twice prior to April 2, 2009, and send affidavit of publication and invoice to me at the address above.

If you should have any questions, please call me at 304-926-0499 ext. 1656

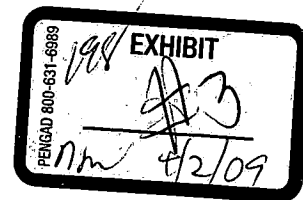
Sincerely,

Cindy Raines
Executive Secretary

encl:



Docket # 198-191
Certified Mail



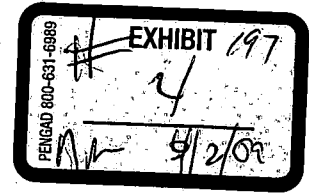
Hall Drilling, LLC
Attention: Greg Barton
P O Box 249
Ellenboro, WV 26346

Shawn Leeson
P O Box 243
Leeds Point, NJ 08220

91 7108 2133 3936 2964 2533

91 7108 2133 3936 2964 2526

Operator: HALL DRILLING, LLC
API: 3305205
WELL No: MARY POST 1
Reviewed by: _____ Date: _____
15 Day End of Comment: 2/20



CHECKLIST FOR FILING A PERMIT

New Well

- ☐ ☐ WW-2B
- ☒ ☐ Inspector signature on WW-2B
- ☐ ☐ WW-2A (Notarized)
- ☒ ☐ Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- ☒ ☐ Surface Owner Waiver
- ☐ ☐ Coal Owner / Lessee / Operator Waiver
- ☐ ☐ Surface owner consent and easement.
- ☐ ☐ WW-2A-1 (Signed) Showing Book/Page number and Royalty Percentage
- ☐ ☐ WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
- ☐ ☐ WW-9 (Page 1 & 2) (Notarized)
- ☒ ☐ Inspector Signature on WW-9
- ☐ ☐ Reclamation Plan
- ☐ ☐ Topographic Map of location of well
- ☐ ☐ Mylar Plat (Signed Sealed) (Surface owner on plat matches WW-2A)
 - ☐ ☐ Well is at least 400 feet from the nearest lease boundary.
 - ☐ ☐ Well is at least 3000 feet from the nearest offset deep well.
- ☐ ☐ Bond
- ☐ ☐ Company is Registered with the SOS
- ☐ ☐ Worker's Compensation / Unemployment Insurance account is OK
- ☒ ☐ \$900.00 Check (\$800.00 if no pit)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Hall Drilling, LLC 33 9 596
 Operator ID Harrison County Tenmile District Salem 7.5' Quadrangle

2) Operator's Well Number: Mary Post #1 3) Elevation: 1039'

4) Well Type: (a) Oil or Gas x
 (b) If Gas: Production x / Underground Storage
 Deep x / Shallow

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8100' Feet

7) Approximate fresh water strata depths: 148'

8) Approximate salt water depths: 2200'

9) Approximate coal seam depths: 980-985'

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work To Drill and Stimulate a New Well

12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill-up (Cu. Ft.)
Conductor						
Fresh Water	<u>9 5/8"</u>		<u>22#</u>	<u>250'</u>	<u>250'</u>	<u>CTS</u>
Coal						
Intermediate	<u>7"</u>		<u>16#</u>	<u>2200'</u>	<u>2200'</u>	<u>CTS</u>
Production	<u>4 1/2"</u>		<u>11.60</u>	<u>8100'</u>	<u>8100'</u>	<u>By Rule 38 csk</u> <u>4-11.1</u>
Tubing						
Liners						

Packers: Kind
 Sizes
 Depths Set

ck 014 855
900

RECEIVED
 Office of Oil & Gas
 FEB 04 2009
 WV Department of
 Environmental Protection

1) Date: August 27, 2008
2) Operator's Well Number Mary Post #1
3) API Well No.: 47 -

State _____ County _____ Permit _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:

(a) Name Mary Post
Address RR 5 Box 1240
Salem, WV 26426

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Tim Bennett
Address 737 Karl Street
Weston, WV 26452
Telephone 304-553-1073

5) (a) Coal Operator

Name _____
Address _____

(b) Coal Owner(s) with Declaration

Name Virginia Tetrick Hairs, c/o Guy Corporation
Address 139 Lamplighter Drive
Morgantown, WV 26508

Name _____
Address _____

(c) Coal Lessee with Declaration

Name _____
Address _____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR

X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties by:

- Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Hall Drilling, LLC
By: Mike Hall
Its: Designated Agent
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

Subscribed and sworn before me this 12 day of Sept, 2008

My Commission Expires 4/18/2011

Notary Public

RECEIVED
Office of Oil & Gas
FEB 14 2009
WV Department of
Environmental Protection

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
Mary Post, et al	<i>Ten Mile Land LLC</i>	<i>12.5% 1/8th.</i>	<i>1420/872</i>

Well Operator:
By:
Its:

[Signature]
Hall Drilling, LLC
Mike Hall
Designated Agent

RECEIVED
Office of Oil & Gas
FEB 04 2009
WV Department of
Environmental Protection

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

 X Contractor Name Smith Land Surveying, Inc.
 Well operator's private laboratory

Well Operator Hall Drilling, LLC
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

RECEIVED
Office of Oil & Gas
FEB 04 2009
WV Department of
Environmental Protection

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underlining which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NOTE: There appears to be 3± potable water sources within 1,000', therefore tests will be offered and samples taken as required.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Hall Drilling, LLC Operator ID Harrison Tenmile Salem 7.5'
County District Quadrangle

2) Operator's Well Number: Mary Post #1 3) Elevation: 1039'

4) Well Type: (a) Oil or Gas x
 (b) If Gas: Production x / Underground Storage
 Deep x / Shallow

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8100' Feet

7) Approximate fresh water strata depths: 148'

8) Approximate salt water depths: 2200'

9) Approximate coal seam depths: 980-985'

10) Does land contain coal seams tributary to active mine? No

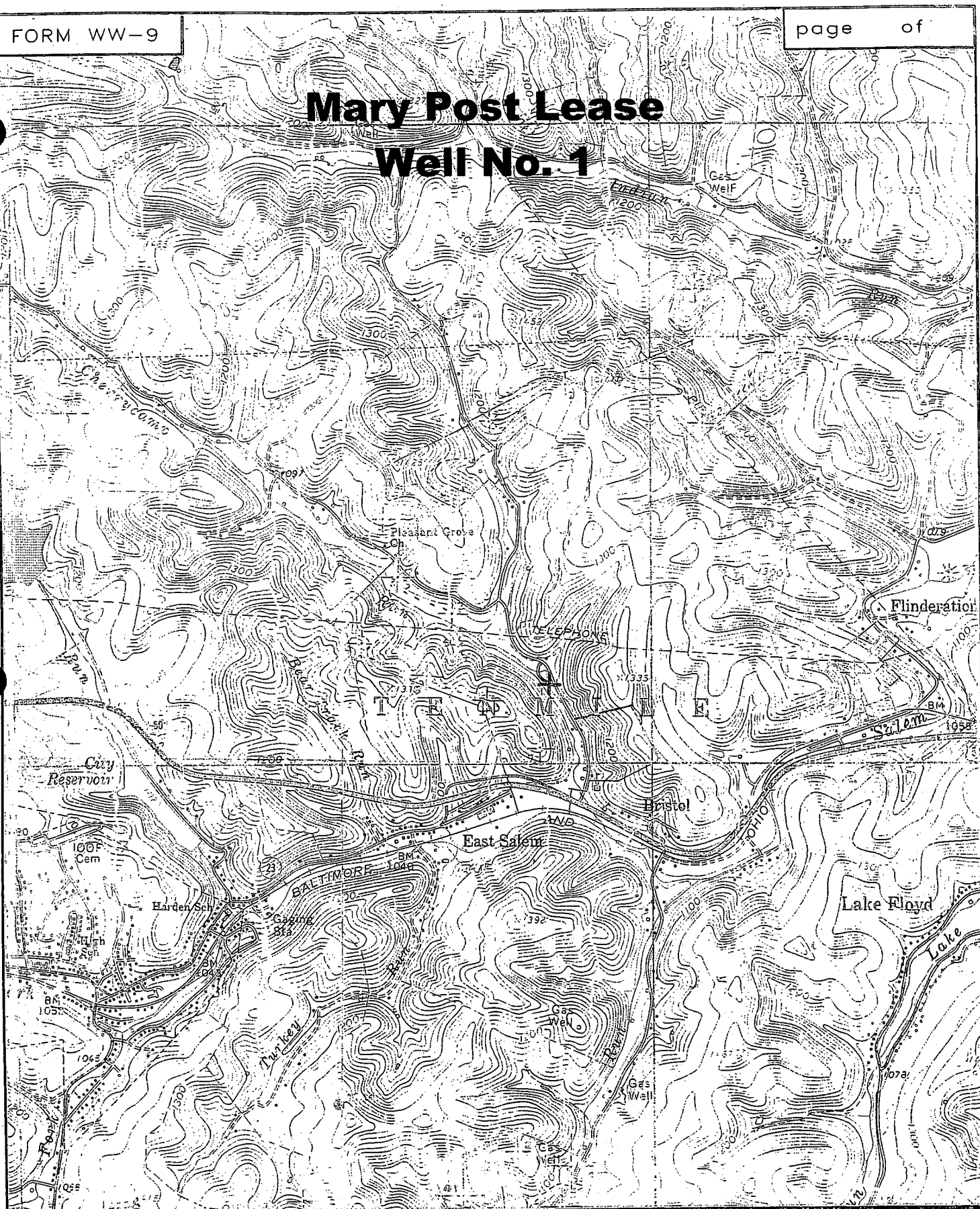
11) Describe proposed well work To Drill and Stimulate new well, proposed well to be drilled 80' into the Onondaga for logging purposes, Marcellus completion.

12) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor						
Fresh Water	9 5/8"		22#	250'	250'	CTS
Coal						
Intermediate	7"		16#	2200'	2200'	CTS
Production	4 1/2"		11.60	8100'	8200'	By Rule 38 csk 4-11.1
Tubing						
Liners						

Packers: Kind
 Sizes
 Depths Set

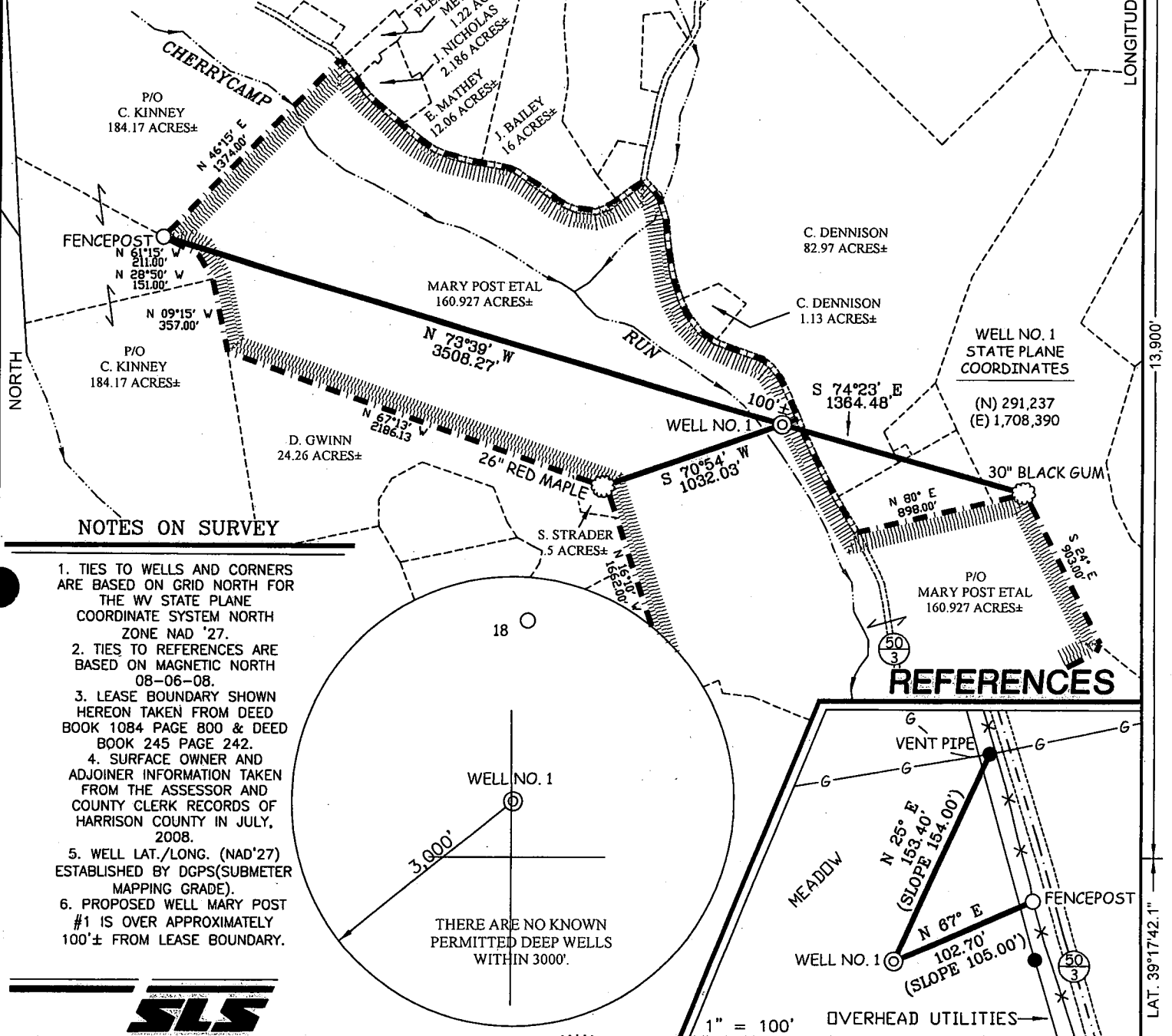
Mary Post Lease Well No. 1

**SLS**SMITH LAND SURVEYING
P.O. BOX 150 GLENVILLE, WV. 26351

TOPO SECTION OF SALEM 7.5'

FILE NO. 6919 DATE 8/19/08 SCALE 1"=2000'

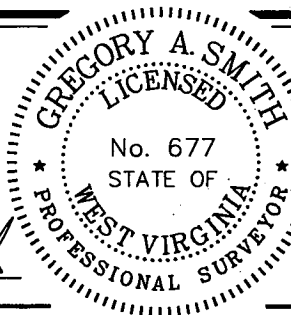
MARY POST LEASE 169.16 ACRES± WELL NO. 1



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

S.S.
677

Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE AUGUST 19, 20 08
REVISED JANUARY 15, 20 09
OPERATORS WELL NO. MARY POST #1
API
WELL NO. 47
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)
FILE NO. 6919P1R(264-58)
SCALE 1" = 800'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ IF "GAS" PRODUCTION ☒ STORAGE ☐ (NOTE 6) DEEP ☒ SHALLOW ☐

LOCATION: ELEVATION 1,039' WATERSHED CHERRYCAMP RUN
DISTRICT TENMILE COUNTY HARRISON QUADRANGLE SALEM 7.5'

SURFACE OWNER MARY POST ETAL ACREAGE 160.927±
ROYALTY OWNER MARY POST ETAL LEASE ACREAGE 169.16±

PROPOSED WORK: LEASE NO.
DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒ PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG ☐ OTHER ☐

PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION MARCELLUS
ESTIMATED DEPTH 8,100'

WELL OPERATOR HALL DRILLING, LLC DESIGNATED AGENT MIKE HALL
ADDRESS P.O. BOX 249 ADDRESS P.O. BOX 249
ELLENBORO, WV 26346 ELLENBORO, WV 26346

COUNTY NAME

PERMIT

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County

HARRISON

Operator

Operator well number

Hall Drilling LLC
M. Post #1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, Wv 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit, or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Mary K. Post Agent

Signature

Date 8-13-08

Company

Name

By

Its

Date

Signature

Date

Coal Owner Notification
Mary Post No. 1

7007 1490 0004 3632 8318

U.S. Postal Service TM

CERTIFIED MAIL TM RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 4.80
Certified Fee	2.70
Return Receipt Fee (Endorsement Required)	2.20
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 9.70



Sent To

Virginia Tetrick Heirs c/o Guy Corporation
Street, Apt. No.,
or PO Box No. 139 Lamplighter Drive
City, State, ZIP+4 Morgantown, WV 26508

PS Form 3800, August 2006

See Reverse for Instructions

RECEIVED
Office of Oil & Gas
FEB 04 2009

WV Department of
Environmental Protection

**WELL INFORMATION AND POTENTIAL WATER WELL SAMPLE DATA SHEET****OPERATOR:** Hall Drilling**LEASE NAME AND NUMBER:** Mary Post #1**COMMENTS**

The initial mapping review of the area surrounding the proposed well site revealed the below listed surface owner(s) that were potentially utilizing groundwater (potable) for Human Consumption or other purposes within 1000' of the proposed well site. The following landowners have been notified of the opportunity to request a water sample should it be necessary.

*Please note that the following information is subject to change upon field inspection.

INDIVIDUAL CONTACTED OR NOTIFIED**Owner/Occupant:** Carol D. Dennison**Address:** 104 Emerson Rd, Clarksburg, WV. 26301 **Letter/Notice Date:** _____**Comments:** par #36.1 & Par # 36**Owner/Occupant:** Jeffery Carder**Address:** RR 5 Box 1390, Salem, WV. 26426 **Letter/Notice Date:** _____**Comments:** Par #61**Owner/Occupant:** Robert J. Haught ET AL**Address:** RR 5 Box 1240, Salem WV. 26426 **Letter/Notice Date:** _____**Comments:** Par #35**Owner/Occupant:** _____**Address:** _____ **Letter/Notice Date:** _____**Comments:** _____**Owner/Occupant:** _____**Address:** _____ **Letter/Notice Date:** _____**Comments:** _____


RECEIVED
Office of Oil & Gas
FEB 6 4 2009
WV Department of
Environmental Protection


**CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE**


RECEIVED
Office of Oil & Gas
FEB 14 2009
WV Department of
Environmental Protection

LEGEND

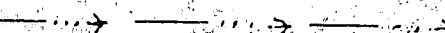
Property Boundary 

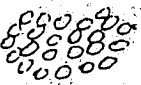
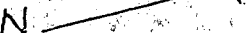
Road 


Existing Fence 


Planned Fence 

Stream 


Open Ditch 


Rock  North 


Buildings 

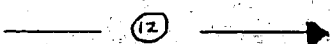
Water wells 

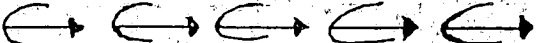
Drill site 

Diversion 


Spring 

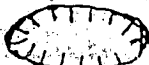
Wet Spot 


Drain Pipe with size in inches 

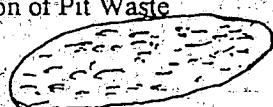
Waterway 

Cross Drain 

Artificial Filter Strip 

Pit: cut walls 

Pit: compacted fill walls 

Area for Land Application of Pit Waste 

Proposed Revegetation Treatment: Acres Disturbed 1.24 +/- Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 TON lbs/acre (500 lbs minimum)

Mulch HAY 2 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre
KY-31		40
ALSIKE CLOVER		5
ANNUAL RYE		15

Seed Type	Area II	lbs/acre
ORCHARD GRASS		15
ALSIKE CLOVER		5

Attach:

Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 

Title: _____

Date: 10-14-08

Field Reviewed? () Yes () No

Mary Post Lease Well No. 1

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

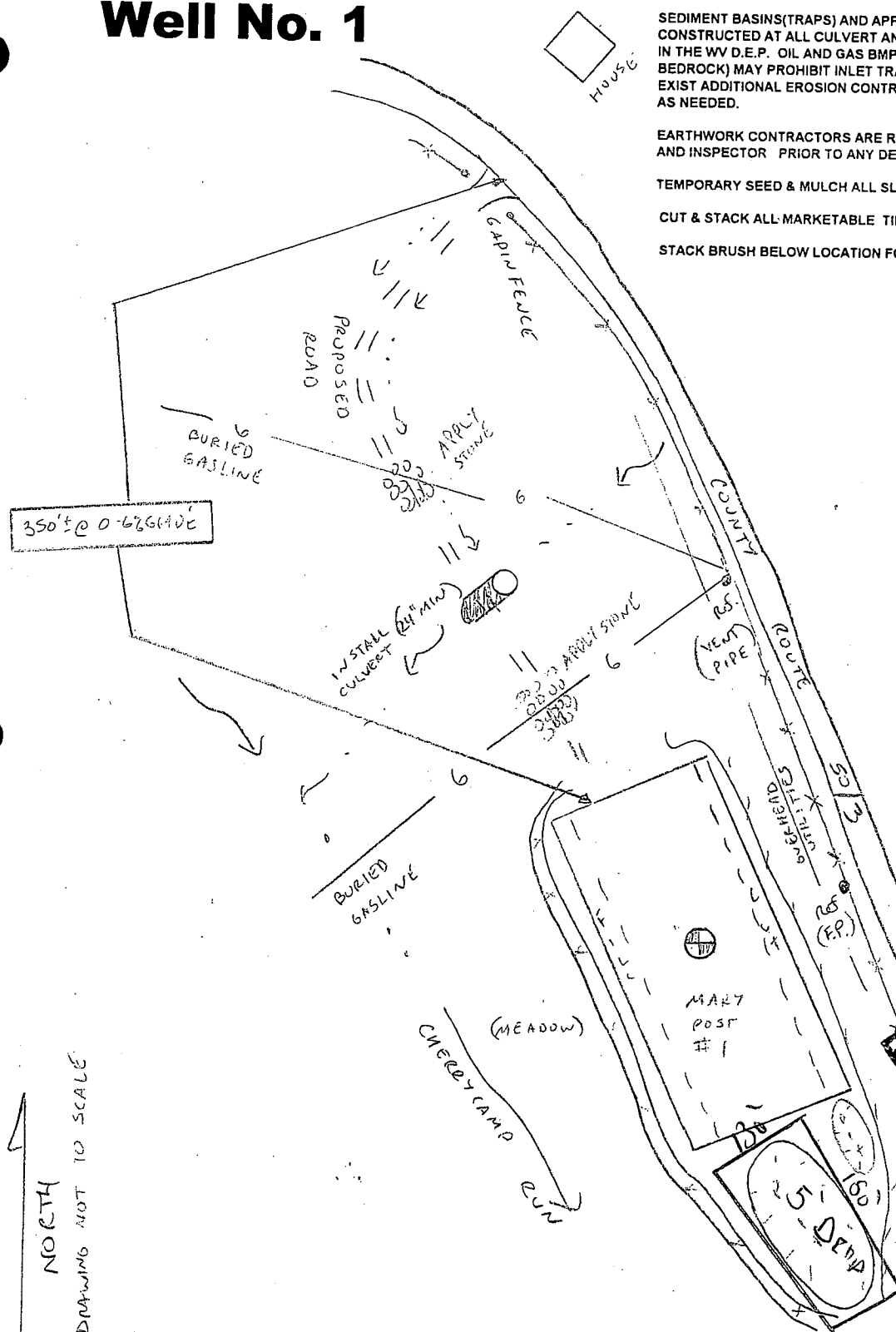
SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.



NORTH
DRAWING NOT TO SCALE

RECEIVED
Office of Oil & Gas
FEB 14 2009
WV Department of
Environmental Protection



SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 8/24/08 FILE NO. 6919

Operator: HALL DRILLING, LLC
API: 3305206
WELL No: MARY POST 2
Reviewed by: _____ Date: _____
15 Day End of Comment: 2/20

CHECKLIST FOR FILING A PERMIT

New Well

- ☐ ☐ WW-2B
- ☒ ☐ Inspector signature on WW-2B
- ☐ ☐ WW-2A (Notarized)
- ☒ ☐ Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- ☒ ☐ Surface Owner Waiver
- ☐ ☐ Coal Owner / Lessee / Operator Waiver
- ☐ ☐ Surface owner consent and easement.
- ☐ ☐ WW-2A-1 (Signed) Showing Book/Page number and Royalty Percentage
- ☐ ☐ WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
- ☐ ☐ WW-9 (Page 1 & 2) (Notarized)
- ☒ ☐ Inspector Signature on WW-9
- ☐ ☐ Reclamation Plan
- ☐ ☐ Topographic Map of location of well
- ☐ ☐ Mylar Plat (Signed Sealed) (Surface owner on plat matches WW-2A)
 - ☐ ☐ Well is at least 400 feet from the nearest lease boundary.
 - ☐ ☐ Well is at least 3000 feet from the nearest offset deep well.
- ☐ ☐ Bond
- ☐ ☐ Company is Registered with the SOS
- ☐ ☐ Worker's Compensation / Unemployment Insurance account is OK
- ☒ ☐ \$900.00 Check (\$800.00 if no pit)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Hall Drilling, LLC Operator ID Harrison Tenmile Salem 7.5'
County District Quadrangle

2) Operator's Well Number: Mary Post #2 3) Elevation: 1036'

4) Well Type: (a) Oil _____ or Gas x
 (b) If Gas: Production x / Underground Storage _____
 Deep x / Shallow _____

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8100' Feet

7) Approximate fresh water strata depths: 190'

8) Approximate salt water depths: 2200'

9) Approximate coal seam depths: 980-985'

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work To Drill and stimulate new well, proposed well
to be drilled 80' into the Onondaga for logging purposes, Marcellus completion.

12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor						
Fresh Water	<u>9 5/8"</u>		<u>22#</u>	<u>250'</u>	<u>250'</u>	<u>CTS</u>
Coal						
Intermediate	<u>7"</u>		<u>16#</u>	<u>2200'</u>	<u>2200'</u>	<u>CTS</u>
Production	<u>4 1/2"</u>		<u>15.60</u>	<u>8100'</u>	<u>8100'</u>	<u>By Rule 38 CSR 4-11.1</u>
Tubing						
Liners						

Packers: Kind
 Sizes
 Depths Set

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Hall Drilling, LLC 33 9 596
 Operator ID County District Quadrangle

2) Operator's Well Number: Mary Post #2 3) Elevation: 1036'

4) Well Type: (a) Oil or Gas x
 (b) If Gas: Production x / Underground Storage
 Deep x / Shallow

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8100' Feet

7) Approximate fresh water strata depths: 190'

8) Approximate salt water depths: 2200'

9) Approximate coal seam depths: 980-985'

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work To Drill and Stimulate a New Well

12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill-up (Cu. Ft.)
Conductor						
Fresh Water	<u>9 5/8"</u>		<u>22#</u>	<u>250'</u>	<u>250'</u>	<u>CTS</u>
Coal						
Intermediate	<u>7"</u>		<u>16#</u>	<u>2200'</u>	<u>2200'</u>	<u>CTS</u>
Production	<u>4 1/2"</u>		<u>11.60</u>	<u>8100'</u>	<u>8100'</u>	<u>By Rule 35 CSR 4-11.1</u>
Tubing						
Liners						

Packers: Kind
 Sizes
 Depths Set

014855

900

RECEIVED
 Office of Oil & Gas
 FEB 04 2009
 WV Department of
 Environmental Protection

1) Date: August 27, 2008
2) Operator's Well Number Mary Post #2
3) API Well No.: 47 -

State _____ County _____ Permit _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:

(a) Name Mary Post
Address RR 5 Box 1240
Salem, WV 26426

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Tim Bennett
Address 601 57 Street SE
Charleston WV 25304
Telephone 304-553-1073

5) (a) Coal Operator

Name _____
Address _____

(b) Coal Owner(s) with Declaration
Name Virginia Tetrick Hers/ c/o Guy Corporation
Address 139 Lamplighter Drive
Morgantown, WV 26508

Name _____
Address _____

(c) Coal Lessee with Declaration

Name _____
Address _____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR

X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties by:

- Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Hall Drilling, LLC
By: Mike Hall
Its: Designated Agent
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

Subscribed and sworn before me this 27 day of Sept, 2008
My Commission Expires 7/18/2011 Notary Public

RECEIVED
Office of Oil & Gas
FEB 14 2009
WV Department of
Environmental Protection

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
Mary Post, et al	<i>Den Milk Land LLC</i>	<i>12.5 % on 1/8 ck.</i>	<i>1420/872</i>

RECEIVED
Office of Oil & Gas
FEB 14 2009
WV Department of
Environmental Protection

Well Operator:
By:
Its:

Hall Drilling, LLC
Mike Hall
Designated Agent

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

 X Contractor Name Smith Land Surveying, Inc.
 Well operator's private laboratory

Well Operator Hall Drilling, LLC
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

RECEIVED
Office of Oil & Gas
FEB 14 2009
WV Department of
Environmental Protection

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NOTE: There appears to be 1± potable water sources within 1,000', therefore tests will be offered and samples taken as required.



SMITH LAND SURVEYING, INC.

ENVIRONMENTAL DIVISION

P.O. BOX 150, GLENVILLE, WV 26351

(304) 462-5634 • FAX 462-5656

WELL INFORMATION AND POTENTIAL WATER WELL SAMPLE DATA SHEET

OPERATOR: Hall Drilling

LEASE NAME AND NUMBER: Mary Post #2

COMMENTS

The initial mapping review of the area surrounding the proposed well site revealed the below listed surface owner(s) that were potentially utilizing groundwater (potable) for Human Consumption or other purposes within 1000' of the proposed well site. The following landowners have been notified of the opportunity to request a water sample should it be necessary.

*Please note that the following information is subject to change upon field inspection.

INDIVIDUAL CONTACTED OR NOTIFIED

Owner/Occupant: Jeddy P & Evelyn T. Nicholas

Address: PO Box 231, Salem, WV. 26426

Letter/Notice Date: _____

Comments: Par # 17.1

Owner/Occupant: _____

Address: _____

Letter/Notice Date: _____

Comments: _____

Owner/Occupant: _____

Address: _____

Letter/Notice Date: _____

Comments: _____

Owner/Occupant: _____

Address: _____

Letter/Notice Date: _____

Comments: _____

Owner/Occupant: _____

Address: _____

Letter/Notice Date: _____

Comments: _____

RECEIVED
Office of Oil & Gas
FEB 04 2004
WV Department of
Environmental Protection



SMITH LAND SURVEYING, INC.

ENVIRONMENTAL DIVISION

P.O. BOX 150, GLENVILLE, WV 26351

(304) 462-5634 • FAX 462-5656

WELL INFORMATION AND FINAL WATER WELL SAMPLE DATA SHEET**OPERATOR:** Hall Drilling**LEASE NAME AND NUMBER:** Mary Post # 2**COMMENTS**

The initial field and/or mapping review of the area surrounding the proposed well site revealed the below listed surface owner(s) that were potentially utilizing groundwater (potable) for Human Consumption or other purposes within 1000' of the proposed well site. (For location of each site see attached area map.)

INDIVIDUAL CONTACTED OR NOTIFIED

Site: 1 Spacing 900' Owner/Occupant: Joseph Ross
Address: RT 5 Box 1254, Salem, WV. 26426 Ph: (304)-782-1373
Field Contact Date: 8/19/08 Sampled: Yes Date Sampled: 8/19/08 Source: Outside Spigot
If No, declined by who _____ Letter/Notice Date: 1st _____ 2nd _____ Certified (3rd) _____
Comments: Par # 17.2

Site: 2 Spacing 925' Owner/Occupant: Darlene Denison
Address: RT 5 Box 1382, Salem, WV. 26426 Ph: _____
Field Contact Date: 9/12/08 Sampled: yes Date Sampled: 9/12/08 Source: Kitchen Sink
If No, declined by who _____ Letter/Notice Date: 1st _____ 2nd _____ Certified (3rd) _____
Comments: Par # 36

Site: 3 Spacing 700' Owner/Occupant: Janet Barett
Address: RT 5 Box 1250, Salem, WV. 26426 Ph: (304)-782-3110
Field Contact Date: 8/19/08 Sampled: Yes Date Sampled: 8/19/08 Source: Kitchen Sink
If No, declined by who _____ Letter/Notice Date: 1st _____ 2nd _____ Certified (3rd) _____
Comments: Par # 18.1

Site: 4 Spacing 825' Owner/Occupant: Evelyn Nicholas
Address: PO Box 231, Salem, WV. 26426 Ph: (304)-782-4449
Field Contact Date: 8/19/08 Sampled: yes Date Sampled: 8/19/08 Source: Outside Spigot
If No, declined by who _____ Letter/Notice Date: 1st _____ 2nd _____ Certified (3rd) _____
Comments: Par # 17.1

RECEIVED
Office of Oil & Gas
HB 14 2009
WV Department of
Environmental Protection

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GAS

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Hall Drilling, LLC OP Code

Watershed Cherrycamp Run Quadrangle Salem 7.5'

Elevation 1036' County Harrison District Tenmile

Description of anticipated Pit Waste: Drill Water, Frac Blow Back & Various Formation Cuttings

Will a synthetic liner be used in the pit? Yes

Proposed Disposal Method For Treated Pit Wastes:

- ☒ Land Application
☐ Underground Injection (UIC Permit Number)
☐ Reuse (at API Number)
☐ Off Site Disposal (Supply form WW-9 for disposal location)
☐ Other (Explain)

Proposed Work For Which Pit Will Be Used:

- ☒ Drilling ☒ Swabbing
☐ Workover ☐ Plugging
☐ Other (Explain)

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature [Signature]

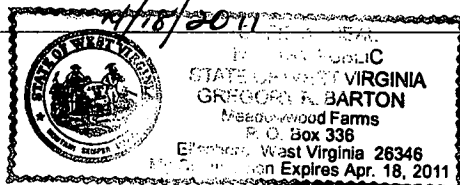
Company Official (Typed Name) Mike Hall

Company Official Title PRESIDENT

Subscribed and sworn before me this 30 day of JAN, 2009

[Signature] Notary Public

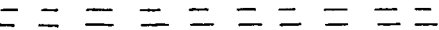
My commission expires 4/18/2011





RECEIVED
Office of Oil & Gas
FEB 6 4 2009
WV Department of
Environmental Protection


LEGEND

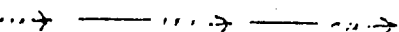
Property Boundary 

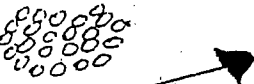
Road 


Existing Fence 


Planned Fence 


Stream 


Open Ditch 

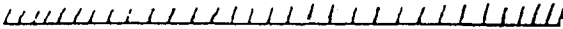
Rock 

North 


Buildings 

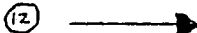
Water wells 

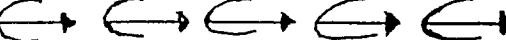
Drill site 

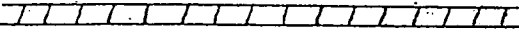
Diversion 


Spring 


Wet Spot 


Drain Pipe with size in inches 

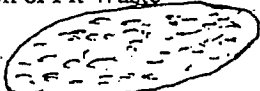
Waterway 

Cross Drain 

Artificial Filter Strip 

Pit: cut walls 

Pit: compacted fill walls 

Area for Land Application of Pit Waste 

Proposed Revegetation Treatment: Acres Disturbed 1.69 +/- Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 TON lbs/acre (500 lbs minimum)

Mulch HAY 2 Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre
KY-31	40
ALSIKE CLOVER	5
ANNUAL RYE	15

Seed Type	Area II lbs/acre
ORCHARD GRASS	15
ALSIKE CLOVER	5

Attach:

Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

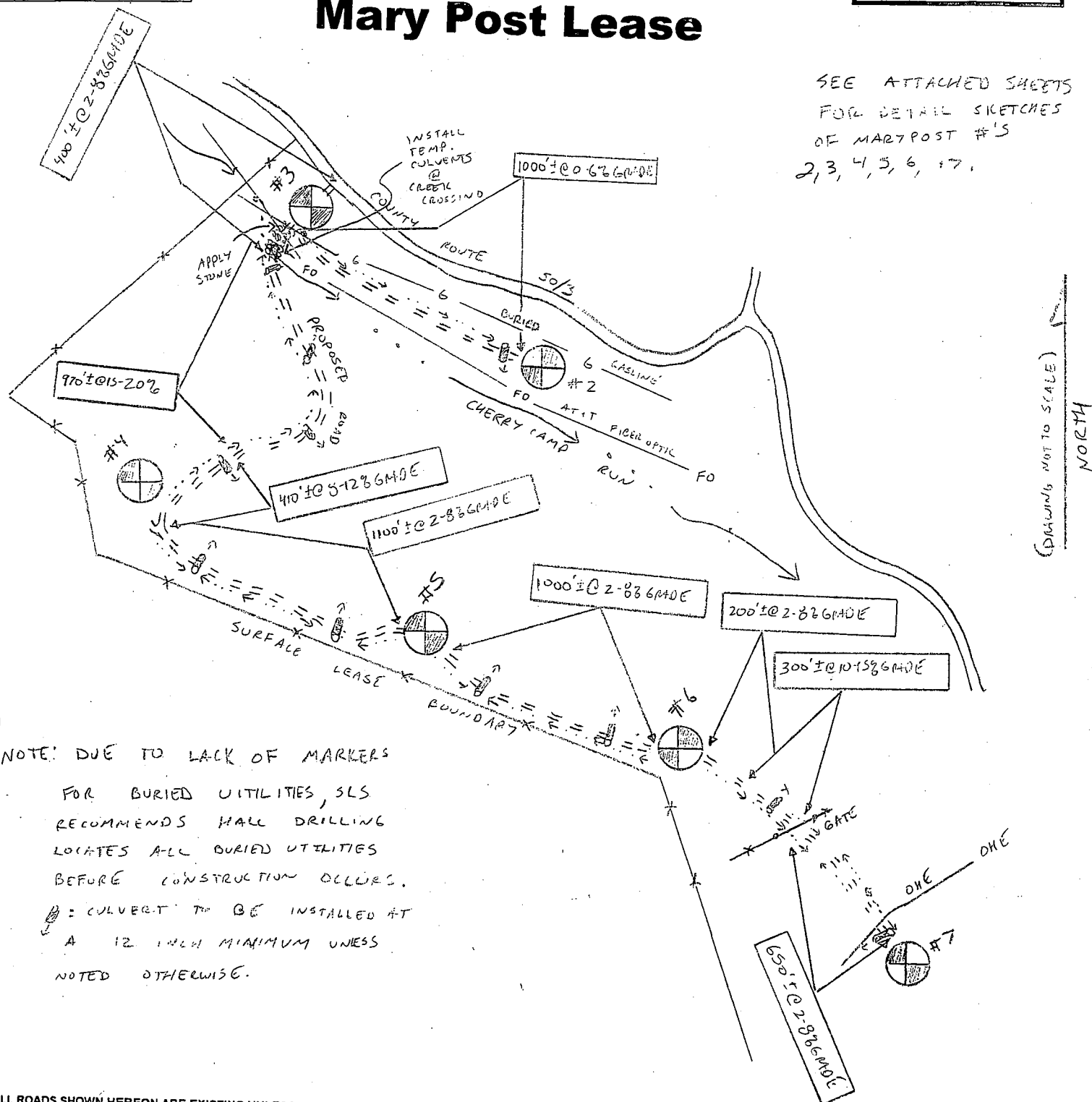
Plan Approved by: 

Title: _____ Date: 10-14-08

Field Reviewed? () Yes () No

Mary Post Lease

SEE ATTACHED SHEETS
FOR DETAIL SKETCHES
OF MARYPOST #S
2, 3, 4, 5, 6, 17.



NOTE: DUE TO LACK OF MARKERS

FOR BURIED UTILITIES, SLS
RECOMMENDS HALL DRILLING
LOCATES ALL BURIED UTILITIES
BEFORE CONSTRUCTION OCCURS.

⊗ = CULVERT TO BE INSTALLED AT
A 12 INCH MINIMUM UNLESS
NOTED OTHERWISE.

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND
SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL
ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH
WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE
CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED
IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND
BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS
EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED
AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR
AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.



SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

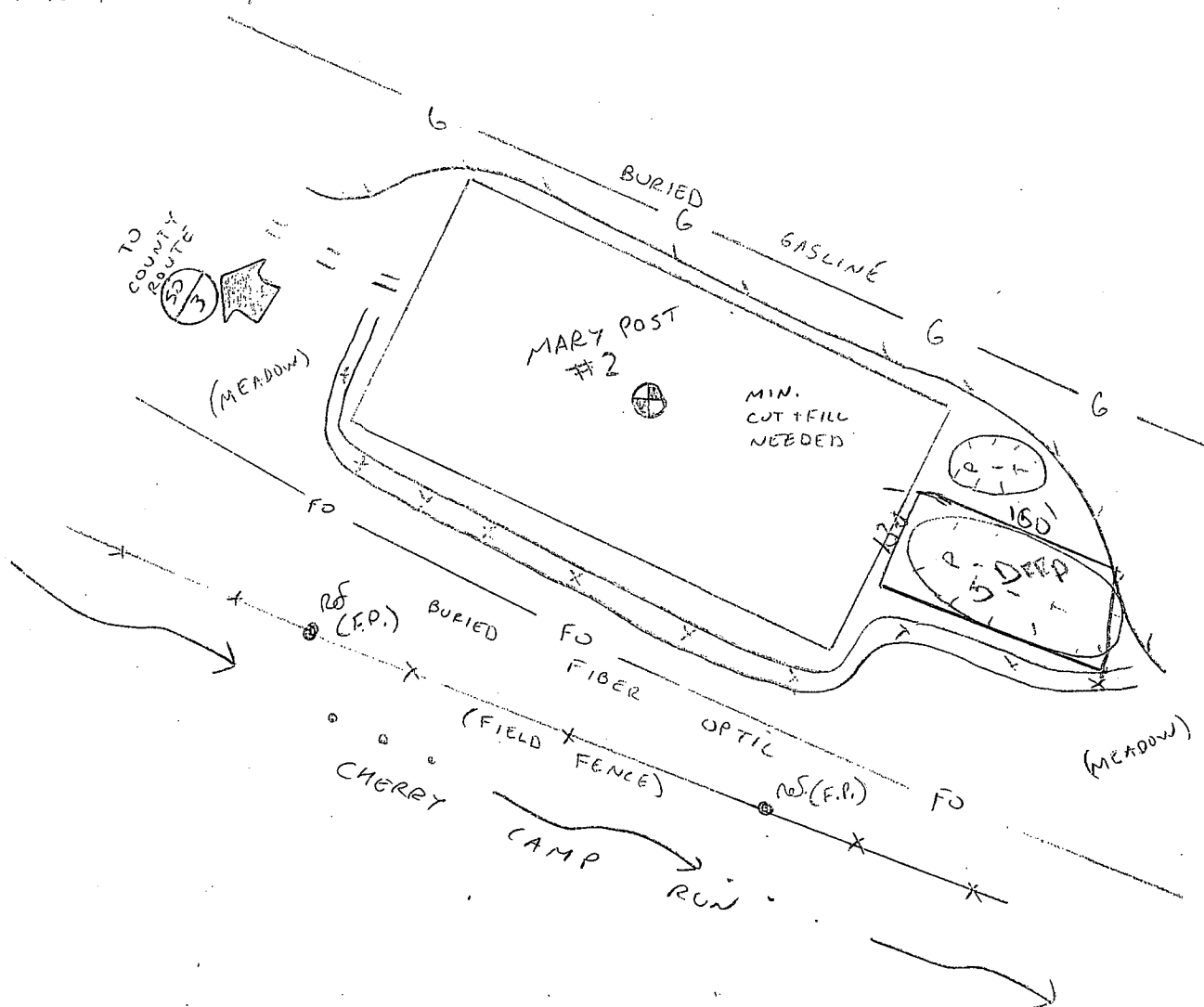
Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 8/24/00 FILE NO. 6919

Mary Post Lease

Well No. 2

SEE ATTACHED SHEET
FOR INFO TO CO. RT. 50/3



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL. ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

(DRAWING NOT TO SCALE)

NORTH



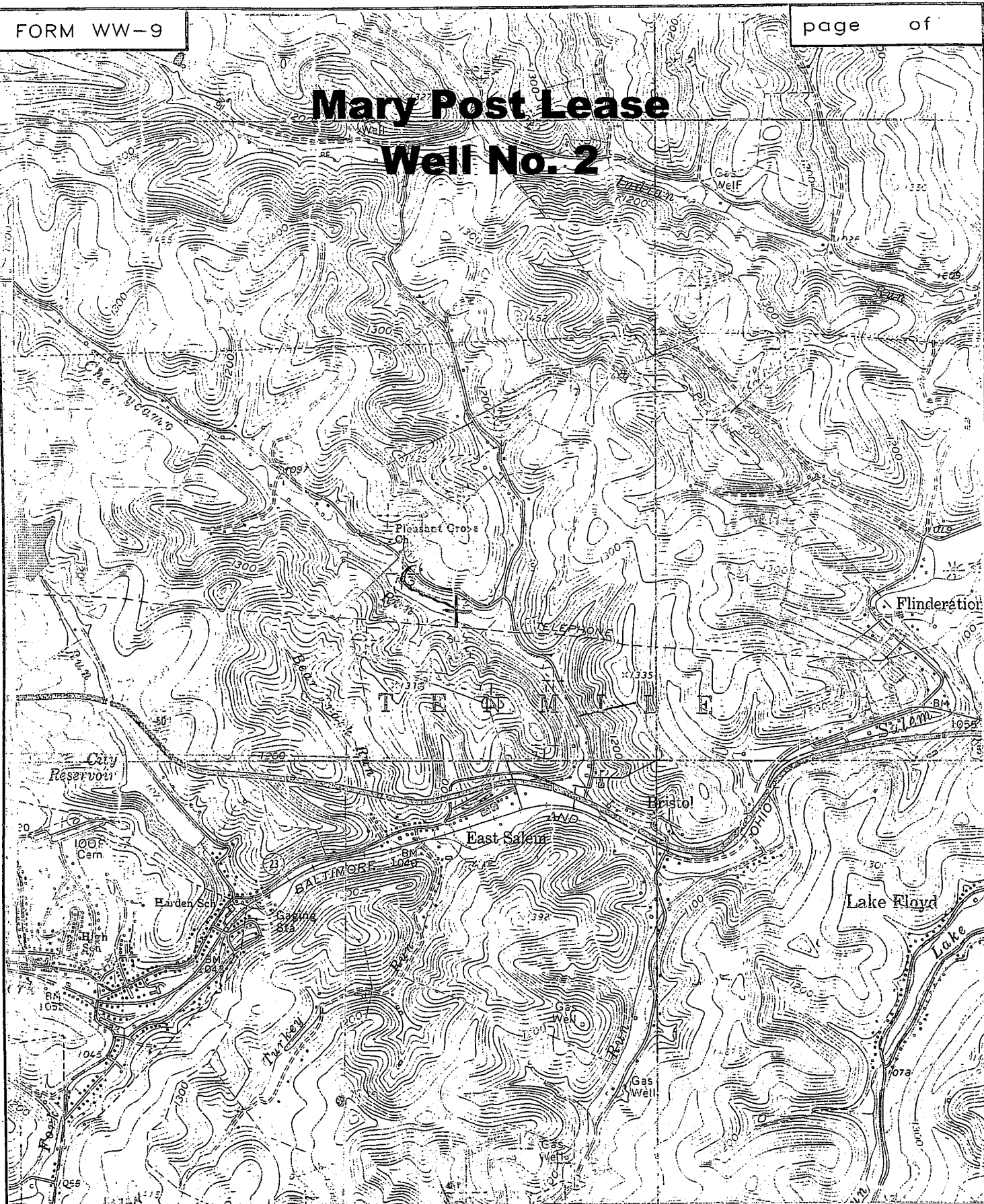
SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 8/24/08 FILE NO. 6919

Mary Post Lease Well No. 2

**SLS**

SMITH LAND SURVEYING
P.O. BOX 150 GLENVILLE, WV. 26351

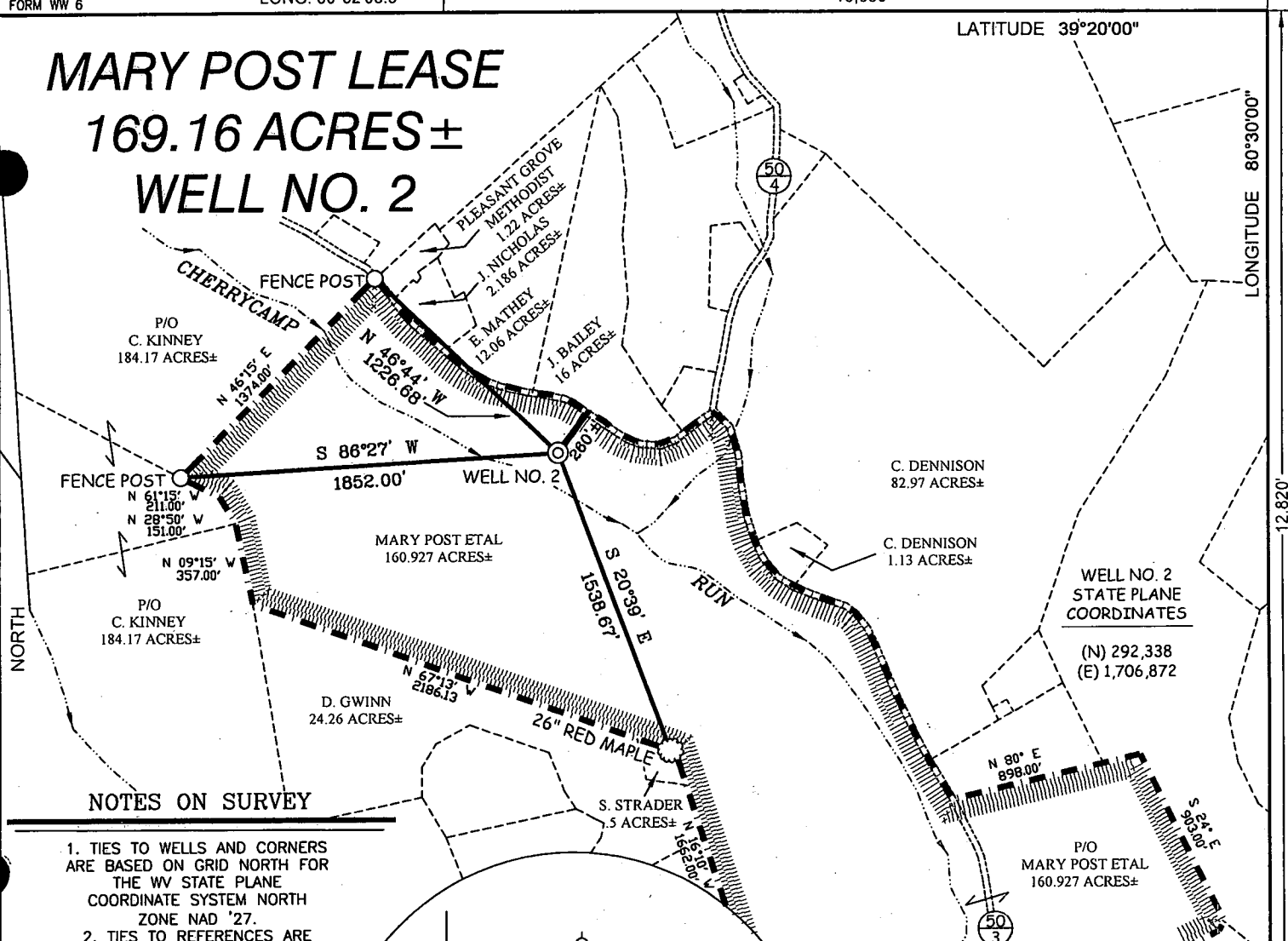
TOPO SECTION OF SALEM 7.5'

FILE NO. 6919 DATE 8/19/08 SCALE 1"=2000'

MARY POST LEASE

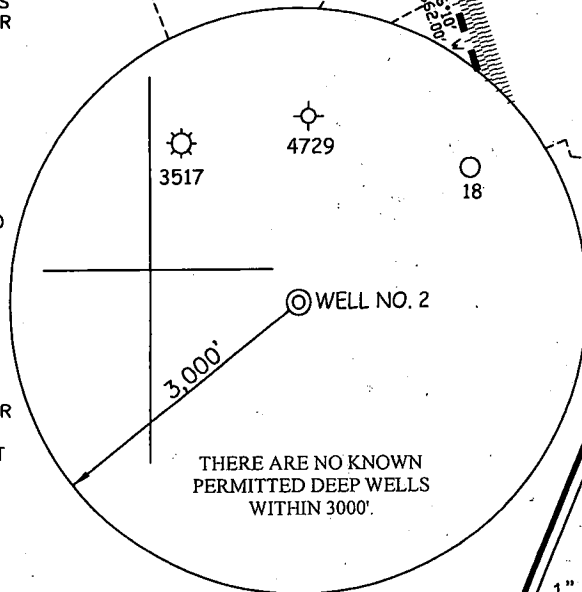
169.16 ACRES±

WELL NO. 2

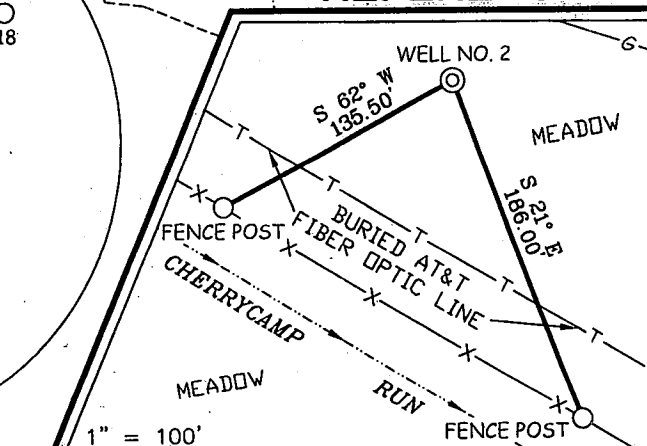


NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 08-06-08..
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 1084 PAGE 800 & DEED BOOK 245 PAGE 242.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2008.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. PROPOSED WELL MARY POST #2 IS APPROXIMATELY 260'± FROM LEASE BOUNDARY.



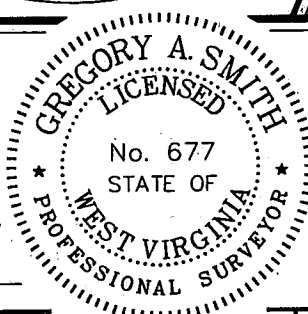
REFERENCES



SLS

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S.
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE AUGUST 19, 20 08
REVISED JANUARY 15, 20 09
OPERATORS WELL NO. MARY POST #2
API
WELL NO. 47
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200
FILE NO. 6919P2R(264-60)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)
SCALE 1" = 800'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL	GAS <input checked="" type="checkbox"/>	LIQUID INJECTION	WASTE DISPOSAL	IF "GAS" PRODUCTION <input checked="" type="checkbox"/>	STORAGE	(NOTE 6) DEEP <input checked="" type="checkbox"/> SHALLOW
LOCATION:						
ELEVATION	1,036'		WATERSHED CHERRYCAMP RUN			
DISTRICT	TENMILE		COUNTY	HARRISON		
SURFACE OWNER	MARY POST ETAL		ACREAGE	160.927±		
ROYALTY OWNER	MARY POST ETAL		LEASE ACREAGE	169.16±		
PROPOSED WORK:				LEASE NO.		
DRILL <input checked="" type="checkbox"/>	CONVERT	DRILL DEEPER	REDRILL	FRACTURE OR STIMULATE <input checked="" type="checkbox"/>	PLUG OFF OLD	
FORMATION	PERFORATE NEW FORMATION		PLUG AND ABANDON	CLEAN OUT AND REPLUG	OTHER	
PHYSICAL CHANGE IN WELL (SPECIFY)				TARGET FORMATION	MARCELLUS	
				ESTIMATED DEPTH	8,100'	
WELL OPERATOR HALL DRILLING, LLC				DESIGNATED AGENT MIKE HALL		
ADDRESS P.O. BOX 249				ADDRESS P.O. BOX 249		
ELLENBORO, WV 26346				ELLENBORO, WV 26346		

COUNTY NAME

PERMIT

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County

Harney

Operator

Operator well number

Hall Drilling, LLC
M. Pist #2

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, Wv 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit, or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation.

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Mary K. East, Agent
Signature

Date 8-13-08

Company

Name

By

Its

Date

Signature

Date

Coal Owner Notification
Mary Post No. 2

7007 1490 0004 3632 8318

U.S. Postal ServiceTM
CERTIFIED MAILTM RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 4.80
Certified Fee	2.70
Return Receipt Fee (Endorsement Required)	2.20
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 9.70



Sent To Virginia Tetrick Helms c/o Guy Corporation
Street, Apt. No.,
or PO Box No. 139 Lamplighter Drive
City, State, ZIP+4[®] Morgantown, WV 26508

PS Form 3800, August 2006

See Reverse for Instructions

RECEIVED
Office of Oil & Gas
FEB 14 2009
WV Department of
Environmental Protection

Operator: HALL DRILLING, LLC
API: 3305207
WELL No: MARY POST 3
Reviewed by: _____ Date: _____
15 Day End of Comment: 2/20

CHECKLIST FOR FILING A PERMIT

New Well

- ☐ ☐ WW-2B
- ☒ ☐ Inspector signature on WW-2B
- ☐ ☐ WW-2A (Notarized)
- ☒ ☐ Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- ☒ ☐ Surface Owner Waiver
- ☐ ☐ Coal Owner / Lessee / Operator Waiver
- ☐ ☐ Surface owner consent and easement.
- ☐ ☐ WW-2A-1 (Signed) Showing Book/Page number and Royalty Percentage
- ☐ ☐ WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
- ☐ ☐ WW-9 (Page 1 & 2) (Notarized)
- ☒ ☐ Inspector Signature on WW-9
- ☐ ☐ Reclamation Plan
- ☐ ☐ Topographic Map of location of well
- ☐ ☐ Mylar Plat (Signed .Sealed) (Surface owner on plat matches WW-2A)
 - ☐ ☐ Well is at least 400 feet from the nearest lease boundary.
 - ☐ ☐ Well is at least 3000 feet from the nearest offset deep well.
- ☐ ☐ Bond
- ☐ ☐ Company is Registered with the SOS
- ☐ ☐ Worker's Compensation / Unemployment Insurance account is OK
- ☒ ☐ \$900.00 Check (\$800.00 if no pit)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Hall Drilling, LLC Harrison Tenmile Salem 7.5'
 Operator ID County District Quadrangle

2) Operator's Well Number: Mary Post #3 3) Elevation: 1067'

4) Well Type: (a) Oil or Gas x
 (b) If Gas: Production x / Underground Storage
 Deep x / Shallow

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8100' Feet

7) Approximate fresh water strata depths: 140'

8) Approximate salt water depths: 2260'

9) Approximate coal seam depths: 980' - 985'

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work To Drill and Stimulate new well, proposed well to
be drilled 80' into the Onondaga for logging purposes, Marcellus Completion.

12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	<u>Size</u>	<u>Grade</u>	<u>Weight per ft</u>	<u>For Drilling</u>	<u>Left in Well</u>	<u>Fill -up (Cu. Ft.)</u>
Conductor						
Fresh Water	<u>9 5/8"</u>		<u>22 #</u>	<u>250'</u>	<u>280'</u>	<u>CTS</u>
Coal						
Intermediate	<u>7"</u>		<u>16 #</u>	<u>2260'</u>	<u>2200'</u>	<u>CTS</u>
Production	<u>4 1/2"</u>		<u>11.60</u>	<u>8100'</u>	<u>8100'</u>	<u>By Rth 36 C&P</u> <u>4-11.1</u>
Tubing						
Liners						

Packers: Kind
 Sizes
 Depths Set

33-0.5207

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Hall Drilling, LLC 33 9 596
 Operator ID County District Quadrangle

2) Operator's Well Number: Mary Post #3 3) Elevation: 1067'

4) Well Type: (a) Oil _____ or Gas x
 (b) If Gas: Production x / Underground Storage _____
 Deep x / Shallow _____

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8100' Feet

7) Approximate fresh water strata depths: 140'

8) Approximate salt water depths: 2260'

9) Approximate coal seam depths: 980' - 985'

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work To Drill and Stimulate a New Well

12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	<u>Size</u>	<u>Grade</u>	<u>Weight per ft</u>	<u>For Drilling</u>	<u>Left in Well</u>	<u>Fill -up (Cu. Ft.)</u>
Conductor						
Fresh Water	<u>9 5/8"</u>		<u>22 #</u>	<u>250'</u>	<u>250'</u>	<u>CTS</u>
Coal						
Intermediate	<u>7"</u>		<u>16 #</u>	<u>2260'</u>	<u>2200'</u>	<u>CTS</u>
Production	<u>4 1/2"</u>		<u>11.60</u>	<u>8100'</u>	<u>8100'</u>	<u>By Rule 35 C.S.R. 4-11.1</u>
Tubing						
Liners						

Packers: Kind
 Sizes
 Depths Set

014855
900

RECEIVED
 Office of Oil & Gas
 FEB 04 2009
 WV Department of
 Environmental Protection

1) Date: August 27, 2008
2) Operator's Well Number Mary Post #3
3) API Well No.: 47 -
State _____ County _____ Permit _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:

(a) Name Mary Post W
Address RR 5 Box 1240
Salem, WV 26426

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Tim Bennett
Address 601 57 STREET SE
CHARLESTON WV 25304
Telephone 304-553-1073

5) (a) Coal Operator

Name _____
Address _____

(b) Coal Owner(s) with Declaration
Name Virginia Tefrick Heirs - C/o Guy Corporation
Address 139 Lamplighter Drive
Morgantown, WV 26508

Name _____
Address _____

(c) Coal Lessee with Declaration

Name _____
Address _____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR

X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ____ on the above named parties by:

- Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Hall Drilling, LLC
By: Mike Hall
Its: Designated Agent
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

Subscribed and sworn before me this 27 day of Sept, 2008

Notary Public

My Commission Expires 4/18/2011

RECEIVED
Office of Oil & Gas
WV Department of
Environmental Protection

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
Mary Post, et al	<i>Ten Mile Land LLC</i>	12.5% ~ 1/8th.	1420/872

Well Operator:
By:
Its:

Hall Drilling, LLC
Mike Hall
Designated Agent

RECEIVED
Office of Oil & Gas
FEB 04 2009
WV Department of
Environmental Protection

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

X Contractor Name Smith Land Surveying, Inc.
 Well operator's private laboratory

Well Operator Hall Drilling, LLC
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

RECEIVED
Office of Oil & Gas
FEB 04 2009
WV Department of
Environmental Protection

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NOTE: There appears to be 3± potable water sources within 1,000', therefore tests will be offered and samples taken as required.



SMITH LAND SURVEYING, INC.

ENVIRONMENTAL DIVISION

P.O. BOX 150, GLENVILLE, WV 26351

(304) 462-5634 • FAX 462-5656

WELL INFORMATION AND POTENTIAL WATER WELL SAMPLE DATA SHEET

OPERATOR: Hall Drilling

LEASE NAME AND NUMBER: Mary Post #3

COMMENTS

The initial mapping review of the area surrounding the proposed well site revealed the below listed surface owner(s) that were potentially utilizing groundwater (potable) for Human Consumption or other purposes within 1000' of the proposed well site. The following landowners have been notified of the opportunity to request a water sample should it be necessary.

*Please note that the following information is subject to change upon field inspection.

INDIVIDUAL CONTACTED OR NOTIFIED

Owner/Occupant: Jeddy P & Evelyn T. Nicholas

Address: PO Box 231, Salem, WV. 26426

Letter/Notice Date: _____

Comments: Par # 17.1

Owner/Occupant: Daniel L. & Sharon L. Kinney

Address: RR 5 Box 1258, Salem, WV. 26426

Letter/Notice Date: _____

Comments: Par # 15.1

Owner/Occupant: Clyde Kinney Jr.

Address: RR 5 Box 1262, Salem, WV. 26426

Letter/Notice Date: _____

Comments: Par #15

Owner/Occupant: _____

Address: _____

Letter/Notice Date: _____

Comments: _____

Owner/Occupant: _____

Address: _____

Letter/Notice Date: _____

Comments: _____

RECEIVED
Office of Oil & Gas
FEB 04 2009

WV Department of
Environmental Protection

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GAS**

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name	Hall Drilling, LLC	OP Code
---------------	--------------------	---------

Watershed Cherrycamp Run Quadrangle Salem 7.5'

Elevation 1067' County Harrison District Tenmile

Description of anticipated Pit Waste: Drill Water, Frac Blow Back & Various Formation Cuttings

Will a synthetic liner be used in the pit? Yes

Proposed Disposal Method For Treated Pit Wastes:

 x Land Application
 Underground Injection (UIC Permit Number _____)
 Reuse (at API Number _____)
 Off Site Disposal (Supply form WW-9 for disposal location)
 Other (Explain _____)

Proposed Work For Which Pit Will Be Used:

<u> x </u> Drilling	<u> x </u> Swabbing
<u> </u> Workover	<u> </u> Plugging
<u> </u> Other (Explain _____)	

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

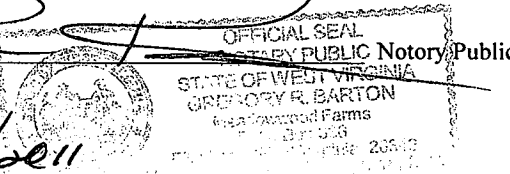
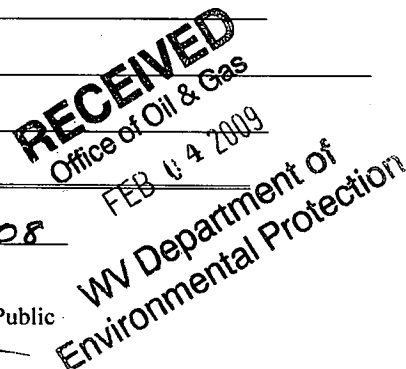
Company Official Signature _____

Company Official (Typed Name) Mike Hall

Company Official Title President


Subscribed and sworn before me this 14 day of Sept, 20 08


My commission expires 7/18/2011




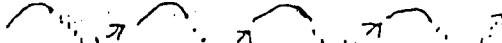
LEGEND

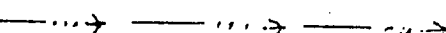
Property Boundary 

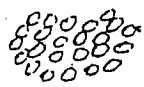

Road 


Existing Fence 


Planned Fence 


Stream 

Open Ditch 

Rock 
North 

Buildings 


Water wells 

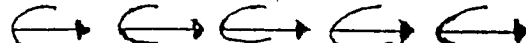
Drill site 

Diversion 

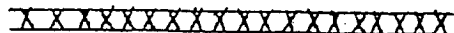
Spring 


Wet Spot 


Drain Pipe with size in inches 

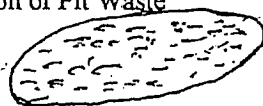
Waterway 

Cross Drain 

Artificial Filter Strip 

Pit: cut walls 

Pit: compacted fill walls 

Area for Land Application of Pit Waste 

Proposed Revegetation Treatment: Acres Disturbed 1.25 + 1 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 TON lbs/acre (500 lbs minimum)

Mulch HAY 2 Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre
KY-31	40
ALSIKE CLOVER	5
ANNUAL RYE	15

Seed Type	Area II lbs/acre
ORCHARD GRASS	15
ALSIKE CLOVER	5

Attach:
Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

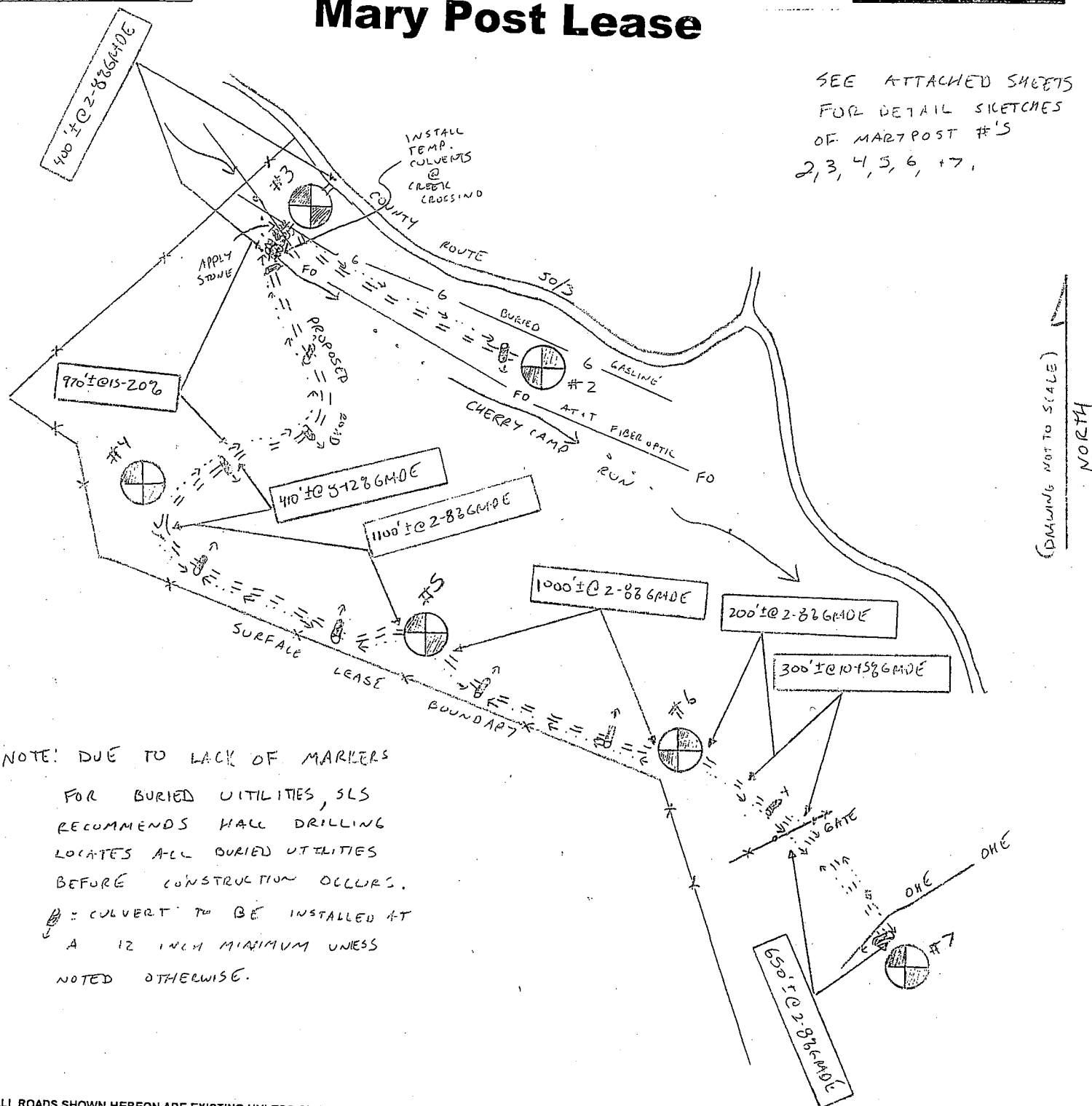
Plan Approved by: 

Title: _____ Date: 10-14-08

Field Reviewed? () Yes () No

Mary Post Lease

SEE ATTACHED SHEETS
FOR DETAIL SKETCHES
OF MARY POST #'S
2, 3, 4, 5, 6, 17.



NOTE: DUE TO LACK OF MARKERS

FOR BURIED UTILITIES, SLS
RECOMMENDS HALL DRILLING
LOCATES ALL BURIED UTILITIES
BEFORE CONSTRUCTION OCCURS.

⊗ = CULVERT TO BE INSTALLED AT
A 12 INCH MINIMUM UNLESS
NOTED OTHERWISE.

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND
SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL.
ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH
WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE
CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED
IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND
BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS
EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED
AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR
AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.



SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

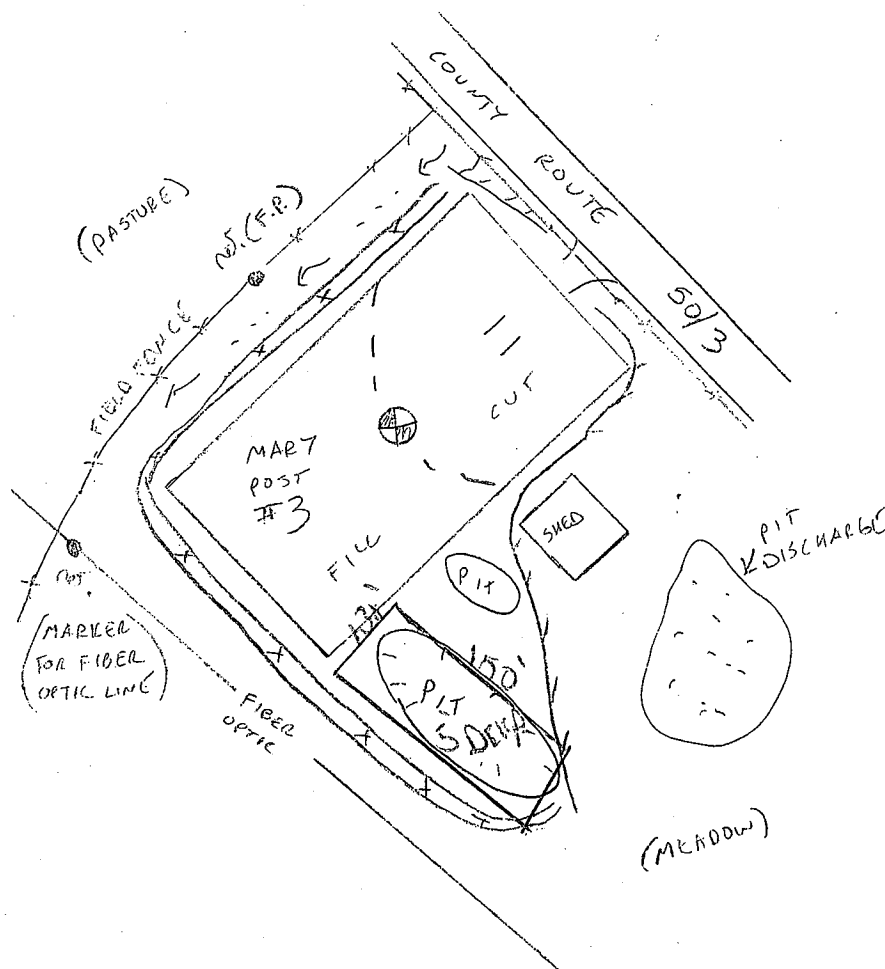
Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 8/24/00 FILE NO. 6919

Mary Post Lease

Well No. 3

SEE ATTACHED SHEET
FOR INFO TO COR. 50/3



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

(DRAWING NOT TO SCALE)

NORTH



SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

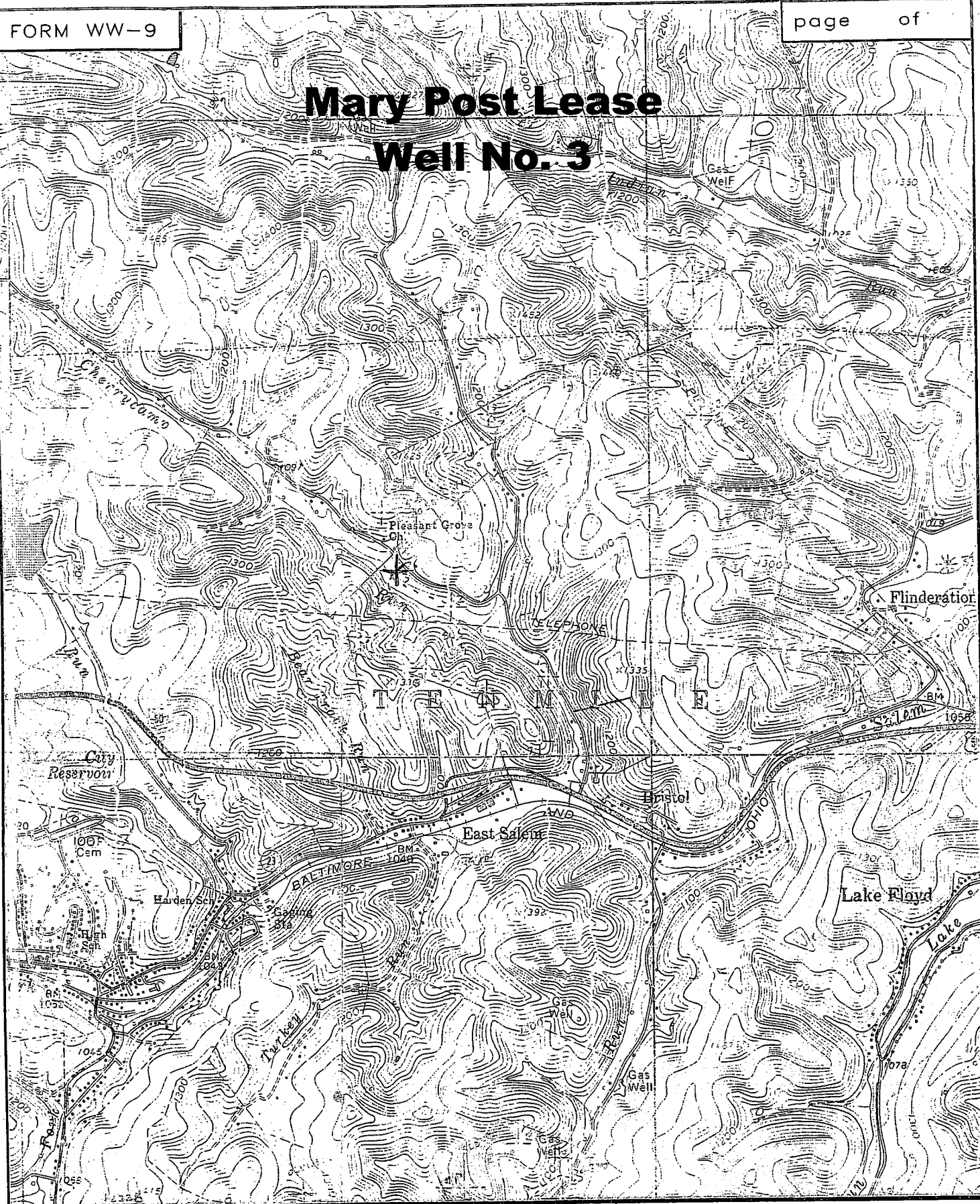
Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M.

DATE 8/24/08

FILE NO. 6919

Mary Post Lease Well No. 3

**SLS**

SMITH LAND SURVEYING
P.O. BOX 150 GLENVILLE, WV. 26351

TOPO SECTION OF SALEM 7.5'

FILE NO. 6919

DATE 8/19/08 SCALE 1"=2000'

LATITUDE 39°20'00"



2260' -

AT 29°17'58.3"-

3514

4740

3517

4729

REFERENCES

LECTURE

FENCE POST z

MEADOW

BARN

$$1'' = 100'$$

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE AUGUST 19 20 08

REVISIONS: JANUARY 15 20 09

OPERATORS WELL NO. MARY POST #3

API

WELL 47 — —

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



COUNTY NAME

PERMI

WELL OPERATOR	<u>HALL DRILLING, LLC</u>	DESIGNATED AGENT	<u>MIKE HALL</u>
ADDRESS	<u>P.O. BOX 249</u>	ADDRESS	<u>P.O. BOX 249</u>
	<u>ELLENBORO, WV 26346</u>		<u>ELLENBORO, WV 26346</u>

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County

HARRISON

Operator

Operator well number

Hall Drilling, LLC
A. Post #3

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, Wv 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Mary K. Post, Agent
Signature

Date 8-13-08

Company

Name

By

Its

Date

Signature

Date

Coal Owner Notification
Mary Post No. 3

7007 1490 0004 3632 8316

U.S. Postal Service TM
CERTIFIED MAIL TM RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 4.80
Certified Fee	2.70
Return Receipt Fee (Endorsement Required)	2.20
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 9.70



Sent To Virginia Tetrick Heirs c/o Guy Corporation
Street, Apt. No.,
or PO Box No. 139 Lamplighter Drive
City, State, ZIP+4 Morgantown, WV 26508

PS Form 3800, August 2006

See Reverse for Instructions

RECEIVED
Office of Oil & Gas
FEB 4 2009
WV Department of
Environmental Protection

Operator: HALL DRILLING, LLC
API: 3305208
WELL No: MARY POST 4
Reviewed by: _____ Date: _____
15 Day End of Comment: 2/20

CHECKLIST FOR FILING A PERMIT

New Well

- ☐ ☐ WW-2B
- ☒ ☐ Inspector signature on WW-2B
- ☐ ☐ WW-2A (Notarized)
- ☒ ☐ Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- ☒ ☐ Surface Owner Waiver
- ☐ ☐ Coal Owner / Lessee / Operator Waiver
- ☐ ☐ Surface owner consent and easement.
- ☐ ☐ WW-2A-1 (Signed) Showing Book/Page number and Royalty Percentage
- ☐ ☐ WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
- ☐ ☐ WW-9 (Page 1 & 2) (Notarized)
- ☒ ☐ Inspector Signature on WW-9
- ☐ ☐ Reclamation Plan
- ☐ ☐ Topographic Map of location of well
- ☐ ☐ Mylar Plat (Signed Sealed) (Surface owner on plat matches WW-2A)
 - ☐ ☐ Well is at least 400 feet from the nearest lease boundary.
 - ☐ ☐ Well is at least 3000 feet from the nearest offset deep well.
- ☐ ☐ Bond
- ☐ ☐ Company is Registered with the SOS
- ☐ ☐ Worker's Compensation / Unemployment Insurance account is OK
- ☒ ☐ \$900.00 Check (\$800.00 if no pit)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Hall Drilling, LLC Harrison Tenmile Salem 7.5'
 Operator ID County District Quadrangle

2) Operator's Well Number: Mary Post #4 3) Elevation: 1281'

4) Well Type: (a) Oil or Gas x
 (b) If Gas: Production x / Underground Storage
 Deep x / Shallow

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8100' Feet

7) Approximate fresh water strata depths: 190'

8) Approximate salt water depths: 2200'

9) Approximate coal seam depths: 980-985'

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work To Drill and Stimulate new well, proposed well
to be drilled 80' into the Onondaga for logging purposes, Marcellus Completion.

12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	<u>Size</u>	<u>Grade</u>	<u>Weight per ft</u>	<u>For Drilling</u>	<u>Left in Well</u>	<u>Fill -up (Cu. Ft.)</u>
Conductor						
Fresh Water	9 5/8"		22 #	250'	250'	CTS
Coal						
Intermediate	7"		16 #	2200'	2200'	CTS
Production	4 1/2"		11.60 #	8100'	8100'	0.7 Rule 35 CSR 4-11.1
Tubing						
Liners						

Packers: Kind
 Sizes
 Depths Set

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Hall Drilling, LLC Operator ID 33 9 596
Harrison Tenmile Salem 7.5'
County District Quadrangle

2) Operator's Well Number: Mary Post #4 3) Elevation: 1281'

4) Well Type: (a) Oil or Gas x
(b) If Gas: Production x / Underground Storage
Deep x / Shallow

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8100' Feet

7) Approximate fresh water strata depths: 190'

8) Approximate salt water depths: 2200'

9) Approximate coal seam depths: 980-985'

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work To Drill and Stimulate a New Well

12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor						
Fresh Water	9 5/8		22 #	250'	250'	CTS
Coal						
Intermediate	7"		16 #	2200'	2200'	CTS
Production	4 1/2		11.60 #	8100'	8100'	0.7 Bulk 35 CSR 4-11.1
Tubing						
Liners						

Packers: Kind
 Sizes
 Depths Set
014855
900

RECEIVED
Office of Oil & Gas
FEB 14 2009
WW Department of
Environmental Protection

1) Date: August 27, 2008
2) Operator's Well Number Mary Post #4
3) API Well No.: 47 -
State _____ County _____ Permit _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:

(a) Name Mary Post
Address RR 5 Box 1240
Salem, WV 26426

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Tim Bennett
Address 737 Karl Street
Weston, WV 26452
Telephone 304-553-1073

5) (a) Coal Operator

Name _____
Address _____

(b) Coal Owner(s) with Declaration
Name Virginia Tetrick Heirs c/o Guy Corporation
Address 139 Lamplighter Drive
Morgantown, WV 26508

Name _____
Address _____

(c) Coal Lessee with Declaration

Name _____
Address _____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR

X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ____ on the above named parties by:

____ Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
____ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Hall Drilling, LLC
By: Mike Hall
Its: Designated Agent
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

Subscribed and sworn before me this 27 day of Aug, 2008
My Commission Expires 4/18/2011
Notary Public _____

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
Mary Post, et al	<i>Len Maryland LLC</i>	<i>12.5% 00 18ct.</i>	<i>1420/872</i>

Well Operator:
By:
Its:

Hall Drilling, LLC
Mike Hall
Designated Agent

RECEIVED
Office of Oil & Gas
FEB 04 2009
WV Department of
Environmental Protection

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

X Contractor Name

Smith Land Surveying, Inc.

Well operator's private laboratory

Well Operator Hall Drilling, LLC
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

RECEIVED
Office of Oil & Gas
FEB 6 4 2009
WV Department of
Environmental Protection

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underlining which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NOTE: There appears to be no potable water sources within 1,000', therefore no tests will be run.

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

<u> x </u>	Drilling	<u> x </u>	Swabbing
<u> </u>	Workover	<u> </u>	Plugging
<u> </u>	Other (Explain _____)		

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Title President

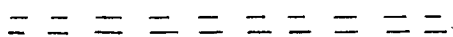
Subscribed and sworn before me this 27 day of August, 2008

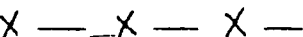
My commission expires 11/18/2011


RECEIVED
Office of Oil & Gas
FEB 04 2009
WV Department of
Environmental Protection


LEGEND

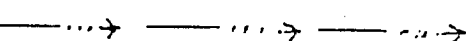
Property Boundary 

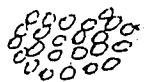
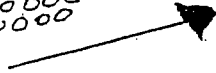
Road 


Existing Fence 


Planned Fence 


Stream 

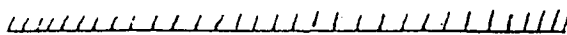
Open Ditch 

Rock 
North 


Buildings 


Water wells 

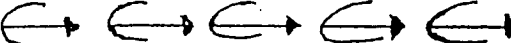
Drill site 

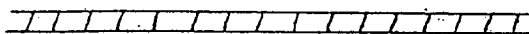
Diversion 

Spring 

Wet Spot 


Drain Pipe with size in inches 

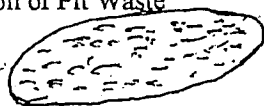
Waterway 

Cross Drain 

Artificial Filter Strip 

Pit: cut walls 

Pit: compacted fill walls 

Area for Land Application of Pit Waste 

Proposed Revegetation Treatment: Acres Disturbed 1.954 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 TON lbs/acre (500 lbs minimum)

Mulch HAY 2 Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre
KY-31	40
ALSIKE CLOVER	5
ANNUAL RYE	15

Seed Type	Area II lbs/acre
ORCHARD GRASS	15
ALSIKE CLOVER	5

Attach:

Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

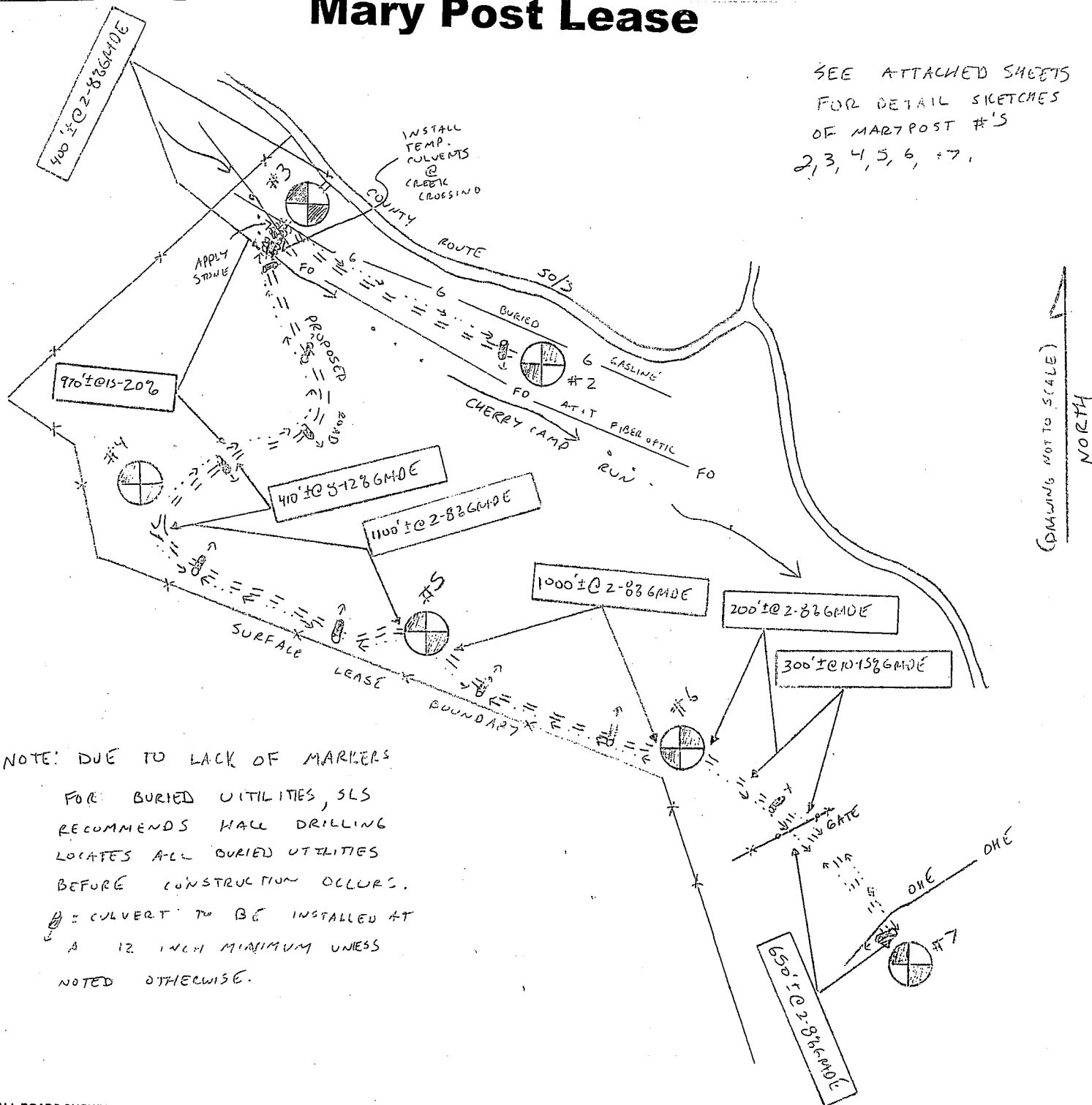
Plan Approved by: 

Title: _____ Date: 10-14-08

Field Reviewed? () Yes () No

Mary Post Lease

SEE ATTACHED SHEETS
FOR DETAIL SKETCHES
OF MARYPOST #'S
2, 3, 4, 5, 6, & 7.



NOTE: DUE TO LACK OF MARKERS

FOR BURIED UTILITIES, SLS
RECOMMENDS HALL DRILLING
LOCATES ALL BURIED UTILITIES
BEFORE CONSTRUCTION OCCURS.

① = CULVERT TO BE INSTALLED AT
A 12 INCH MINIMUM UNLESS
NOTED OTHERWISE.

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND
SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL
ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH
WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE
CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED
IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND
BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS
EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED
AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR
AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.



SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

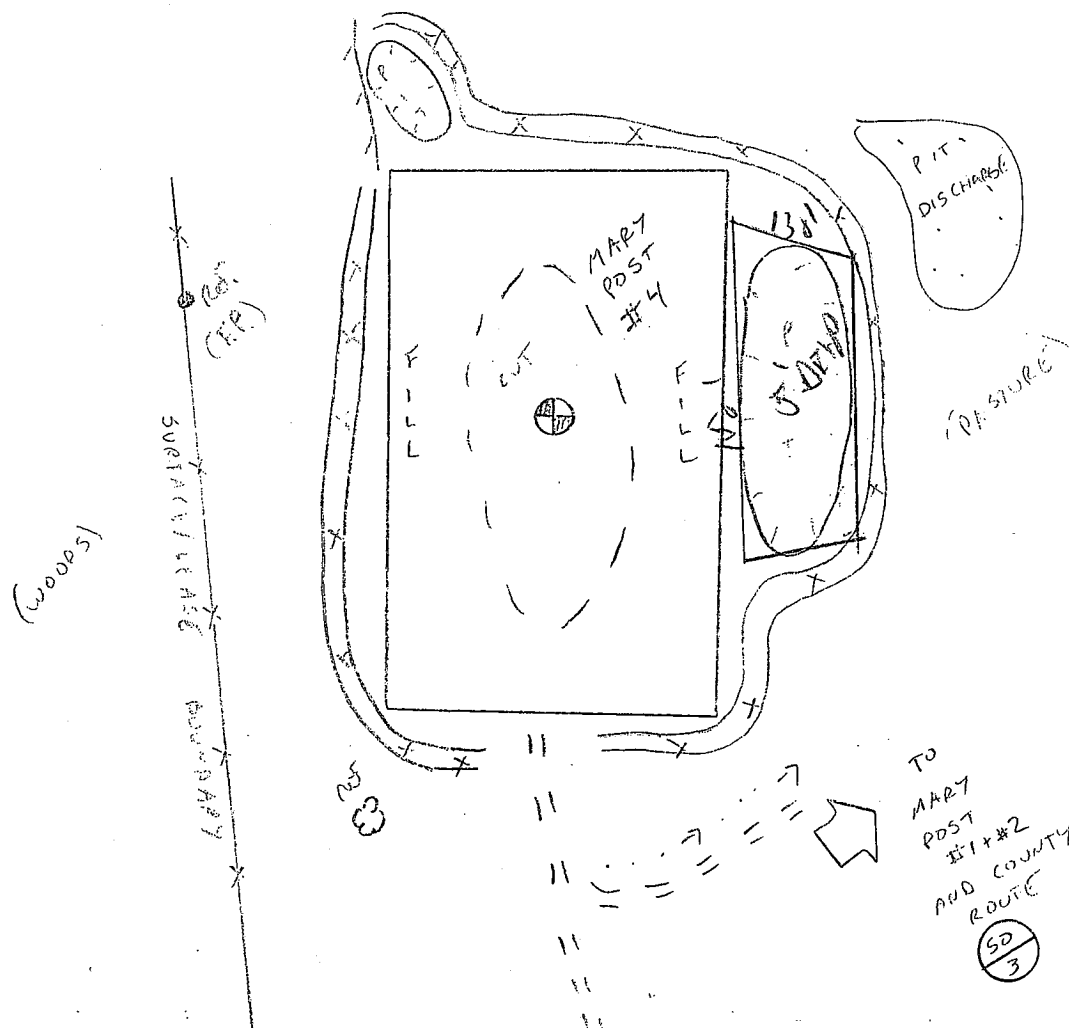
Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 8/24/00 FILE NO. 6919

Mary Post Lease

Well No. 4

SEE ATTACHED SHEET
FOR INFO TO CO. RT. SD/3



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

(DRAWING NOT TO SCALE)

NORTH



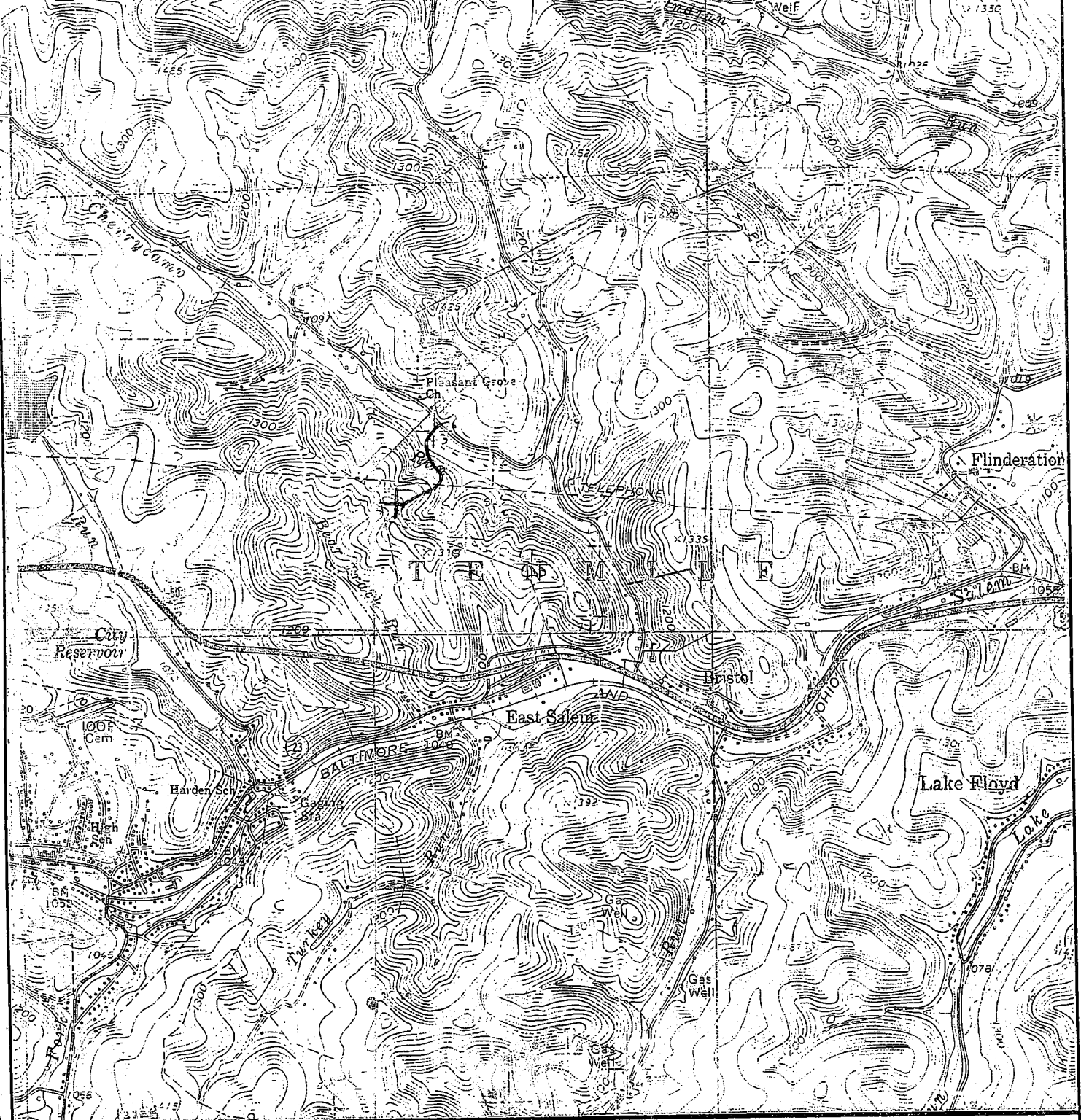
SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 8/24/08 FILE NO. 6919

Mary Post Lease Well No. 4

**SLS**

SMITH LAND SURVEYING
P.O. BOX 150 GLENVILLE, WV. 26351

TOPO SECTION OF SALEM 7.5'

FILE NO. 6919

DATE 8/19/08

SCALE 1"=2000'

MARY POST LEASE

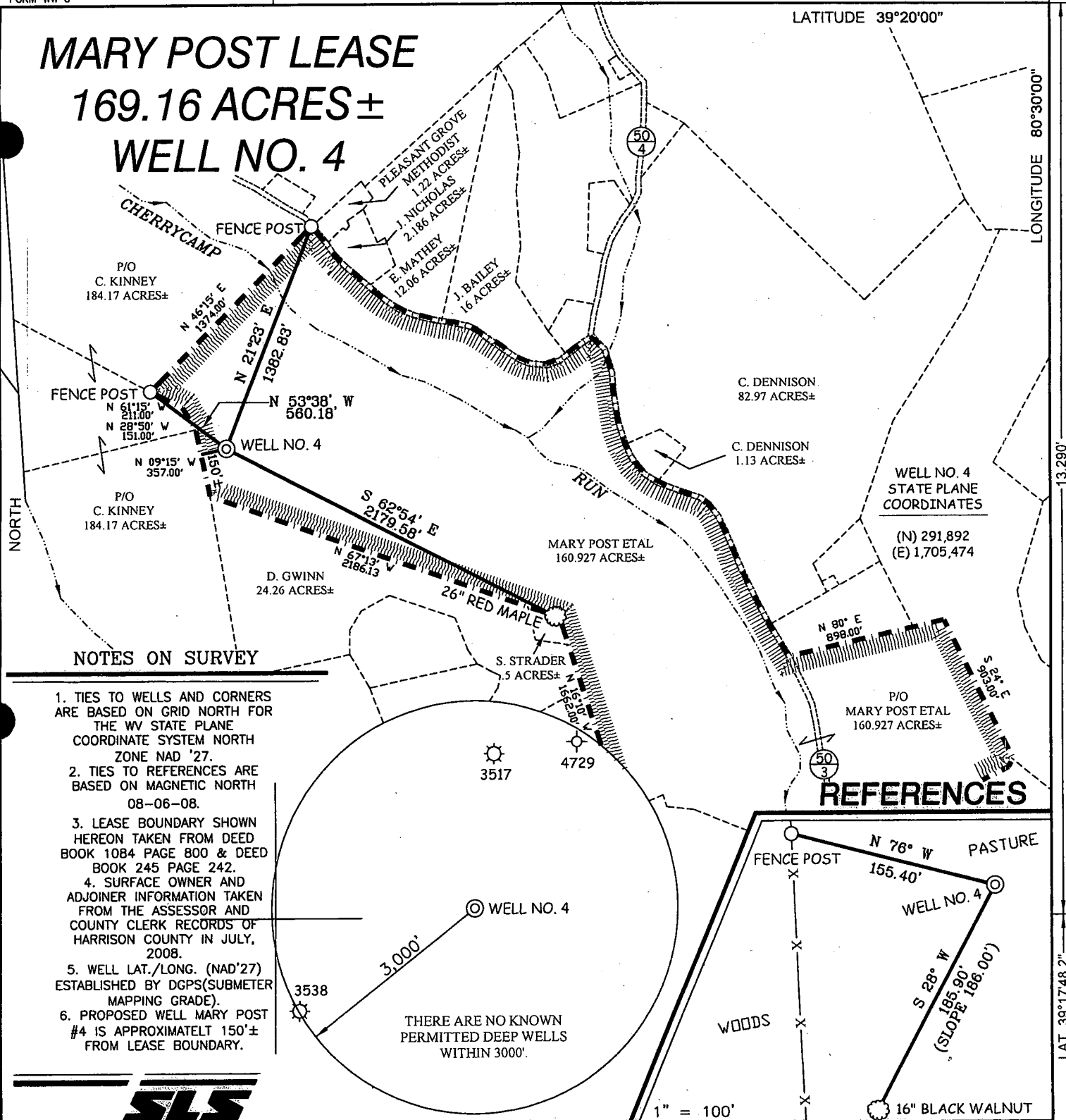
169.16 ACRES±

WELL NO. 4

NORTH

LONGITUDE 80°30'00"

LAT. 39°17'48.2"

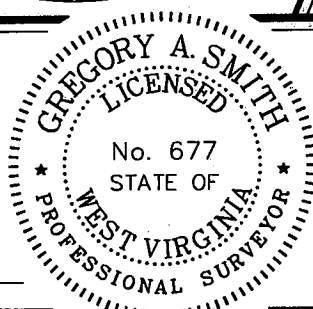


NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 08-06-08.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 1084 PAGE 800 & DEED BOOK 245 PAGE 242.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2008.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. PROPOSED WELL MARY POST #4 IS APPROXIMATELY 150'± FROM LEASE BOUNDARY.

REFERENCES

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S.
677

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE AUGUST 19, 20 08
REVISED JANUARY 15, 20 09
OPERATORS WELL NO. MARY POST #4
API
WELL NO. 47
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200
FILE NO. 6919P4R(264-60)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)
SCALE 1" = 800'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL	GAS <input checked="" type="checkbox"/>	LIQUID INJECTION	WASTE DISPOSAL	IF "GAS" PRODUCTION <input checked="" type="checkbox"/>	STORAGE	(NOTE 6) DEEP <input checked="" type="checkbox"/> SHALLOW
LOCATION: ELEVATION 1,281' WATERSHED CHERRYCAMP RUN						
DISTRICT TENMILE COUNTY HARRISON QUADRANGLE SALEM 7.5'						
SURFACE OWNER MARY POST ETAL ACREAGE 160.927±						
ROYALTY OWNER MARY POST ETAL LEASE ACREAGE 169.16±						
PROPOSED WORK: LEASE NO.						
DRILL <input checked="" type="checkbox"/> CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER						
PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION MARCELLUS						
ESTIMATED DEPTH 8,100'						
WELL OPERATOR HALL DRILLING, LLC DESIGNATED AGENT MIKE HALL						
ADDRESS P.O. BOX 249 ADDRESS P.O. BOX 249						
ELLENBORO, WV 26346 ELLENBORO, WV 26346						

COUNTY NAME

PERMIT

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County HARRISON

Operator

Operator well number

Hall Drilling, LLC

M. Put #4

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, Wv 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation.

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Margy K. Post
Signature

Date 8-13-08

Company

Name

By

Its

Date

Signature

Date

Coal Owner Notification
Mary Post No. 4

7007 1490 0004 3632 8318

U.S. Postal Service TM	
CERTIFIED MAIL TM RECEIPT	
(Domestic Mail Only; No Insurance Coverage Provided)	
For delivery information visit our website at www.usps.com	
OFFICIAL USE	
Postage	\$ 4.80
Certified Fee	2.70
Return Receipt Fee (Endorsement Required)	2.20
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 9.70

Postmark Here
FEB 3 2009

Sent To	Virginia Tetrick Heirs c/o Guy Corporation
Street, Apt. No. or PO Box No.	139 Lamplighter Drive
City, State, ZIP+4	Morgantown, WV 26508

PS Form 3800, August 2006 See Reverse for Instructions

RECEIVED
Office of Oil & Gas
FEB 4 2009
WV Department of
Environmental Protection

Operator: HALL DRILLING, LLC
API: 3305209
WELL No: MARY POST 5
Reviewed by: _____ Date: _____
15 Day End of Comment: 2/20

CHECKLIST FOR FILING A PERMIT

New Well

- ☐ ☐ WW-2B
- ☒ ☐ Inspector signature on WW-2B
- ☐ ☐ WW-2A (Notarized)
- ☒ ☐ Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- ☒ ☐ Surface Owner Waiver
- ☐ ☐ Coal Owner / Lessee /Operator Waiver
- ☐ ☐ Surface owner consent and easement.
- ☐ ☐ WW-2A-1 (Signed) Showing Book/Page number and Royalty Percentage
- ☐ ☐ WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
- ☐ ☐ WW-9 (Page 1 & 2) (Notarized)
- ☒ ☐ Inspector Signature on WW-9
- ☐ ☐ Reclamation Plan
- ☐ ☐ Topographic Map of location of well
- ☐ ☐ Mylar Plat (Signed Sealed) (Surface owner on plat matches WW-2A)
 - ☐ ☐ Well is at least 400 feet from the nearest lease boundary.
 - ☐ ☐ Well is at least 3000 feet from the nearest offset deep well.
- ☐ ☐ Bond
- ☐ ☐ Company is Registered with the SOS
- ☐ ☐ Worker's Compensation / Unemployment Insurance account is OK
- ☒ ☐ \$900.00 Check (\$800.00 if no pit)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Hall Drilling, LLC Harrison Tenmile Salem 7.5'
 Operator ID County District Quadrangle

2) Operator's Well Number: Mary Post #5 3) Elevation: 1256'

4) Well Type: (a) Oil or Gas x
 (b) If Gas: Production x / Underground Storage
 Deep x / Shallow

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8100' Feet

7) Approximate fresh water strata depths: 190'

8) Approximate salt water depths: 2200'

9) Approximate coal seam depths: 980 - 988'

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work To Drill and Stimulate new well, proposed well to be drilled 80' into the Onondaga for logging purposes, Marcellus completion.

12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	<u>Size</u>	<u>Grade</u>	<u>Weight per ft</u>	<u>For Drilling</u>	<u>Left in Well</u>	<u>Fill -up (Cu. Ft.)</u>
Conductor						
Fresh Water	9 5/8"		22 th	250'	250'	CTS
Coal						
Intermediate	7"		16 th	2200'	2200'	CTS
Production	4 1/2"		11.60 th	8100'	8100'	By B/L 30 CTS 4-11.1
Tubing						
Liners						

Packers: Kind
 Sizes
 Depths Set

20

WW - 2B

33-05209

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Hall Drilling, LLC 33 9 596
Operator ID County District Quadrangle

2) Operator's Well Number: Mary Post #5 3) Elevation: 1256'

4) Well Type: (a) Oil or Gas x
(b) If Gas: Production x / Underground Storage
Deep x / Shallow

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8100' Feet

7) Approximate fresh water strata depths: 190'

8) Approximate salt water depths: 2200'

9) Approximate coal seam depths: 980 - 985'

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work To Drill and Stimulate a New Well

12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor						
Fresh Water	9 5/8"		22 th	250'	260'	CTS
Coal						
Intermediate	7"		16 th	2200'	2200'	CTS
Production	4 1/2"		11.60 th	8100'	8100'	By Extra 35 ESP 4-11.1
Tubing						
Liners						

Packers: Kind
Sizes
Depths Set

014855
900

RECEIVED
Office of Oil & Gas
FEB 04 2009
WV Department of
Environmental Protection

TB
10/14/08

1) Date: August 27, 2008
2) Operator's Well Number Mary Post #5
3) API Well No.: 47 -

State _____ County _____ Permit _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:

(a) Name Mary Post
Address RR 5 Box 1240
Salem, WV 26426

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Tim Bennett
Address 737 Karl Street
Weston, WV 26452
Telephone 304-553-1073

5) (a) Coal Operator

Name _____
Address _____

(b) Coal Owner(s) with Declaration
Name Virginia Tetrick Heirs c/o Guy Corporation
Address 139 Lamplighter Drive
Morgantown, WV 26508

Name _____
Address _____

(c) Coal Lessee with Declaration

Name _____
Address _____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR

X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties by:

- Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Hall Drilling, LLC

By: Mike Hall
Its: Designated Agent
Address P.O. Box 249

Ellenboro, WV 26346
Telephone 304-869-3405

Subscribed and sworn before me this 27 day of Aug, 2008

My Commission Expires 4/18/2011

Notary Public

RECEIVED
Office of Oil & Gas
FEB 14 2009
WV Department of
Environmental Protection

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
Mary Post, et al	<i>Ten Mile Land LLC</i>	<i>1/8th 12.5%</i>	<i>1420/872</i>

RECEIVED
Office of Oil & Gas
FEB 04 2009
WV Department of
Environmental Protection

Well Operator:
By:
Its:

Hall Drilling, LLC
Mike Hall
Designated Agent

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

X Contractor Name Smith Land Surveying, Inc.
 Well operator's private laboratory

Well Operator Hall Drilling, LLC
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

RECEIVED
Office of Oil & Gas
FEB 14 2009
WV Department of
Environmental Protection

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NOTE: There appears to be no potable water sources within 1,000', therefore no tests will be run.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GAS

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Hall Drilling, LLC OP Code

Watershed Cherrycamp Run Quadrangle Salem 7.5'

Elevation 1256' County Harrison District Tenmile

Description of anticipated Pit Waste: Drill Water, Frac Blow Back & Various Formation Cuttings

Will a synthetic liner be used in the pit? Yes

Proposed Disposal Method For Treated Pit Wastes:

- ☒ Land Application
☐ Underground Injection (UIC Permit Number)
☐ Reuse (at API Number)
☐ Off Site Disposal (Supply form WW-9 for disposal location)
☐ Other (Explain)

Proposed Work For Which Pit Will Be Used:

- ☒ Drilling ☒ Swabbing
☐ Workover ☐ Plugging
☐ Other (Explain)

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

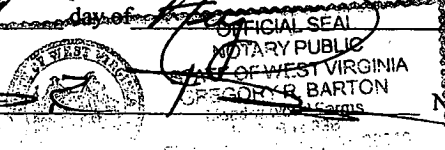
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature 

Company Official (Typed Name) Mike Hall

Company Official Title President

Subscribed and sworn before me this 27 day of February, 2008

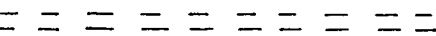

Notary Public

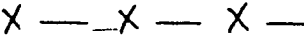
My commission expires 4/18/2011


RECEIVED
Office of Oil & Gas
FEB 14 2008
WV Department of
Environmental Protection

LEGEND

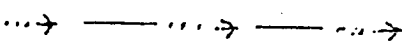
Property Boundary 

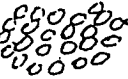

Road 

Existing Fence 


Planned Fence 


Stream 

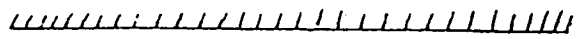
Open Ditch 

Rock 
North 


Buildings 

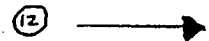
Water wells 

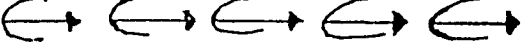
Drill site 

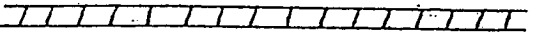
Diversion 

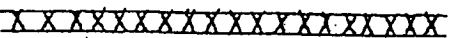
Spring 

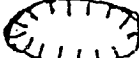
Wet Spot 


Drain Pipe with size in inches 

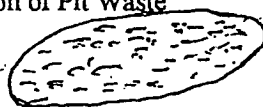
Waterway 

Cross Drain 

Artificial Filter Strip 

Pit: cut walls 

Pit: compacted fill walls 

Area for Land Application of Pit Waste 

Proposed Revegetation Treatment: Acres Disturbed 1.76 +/- Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 TON lbs/acre (500 lbs minimum)

Mulch HAY 2 Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre
KY-31	40
ALSIKE CLOVER	5
ANNUAL RYE	15

Seed Type	Area II lbs/acre
ORCHARD GRASS	15
ALSIKE CLOVER	5

Attach:

Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 

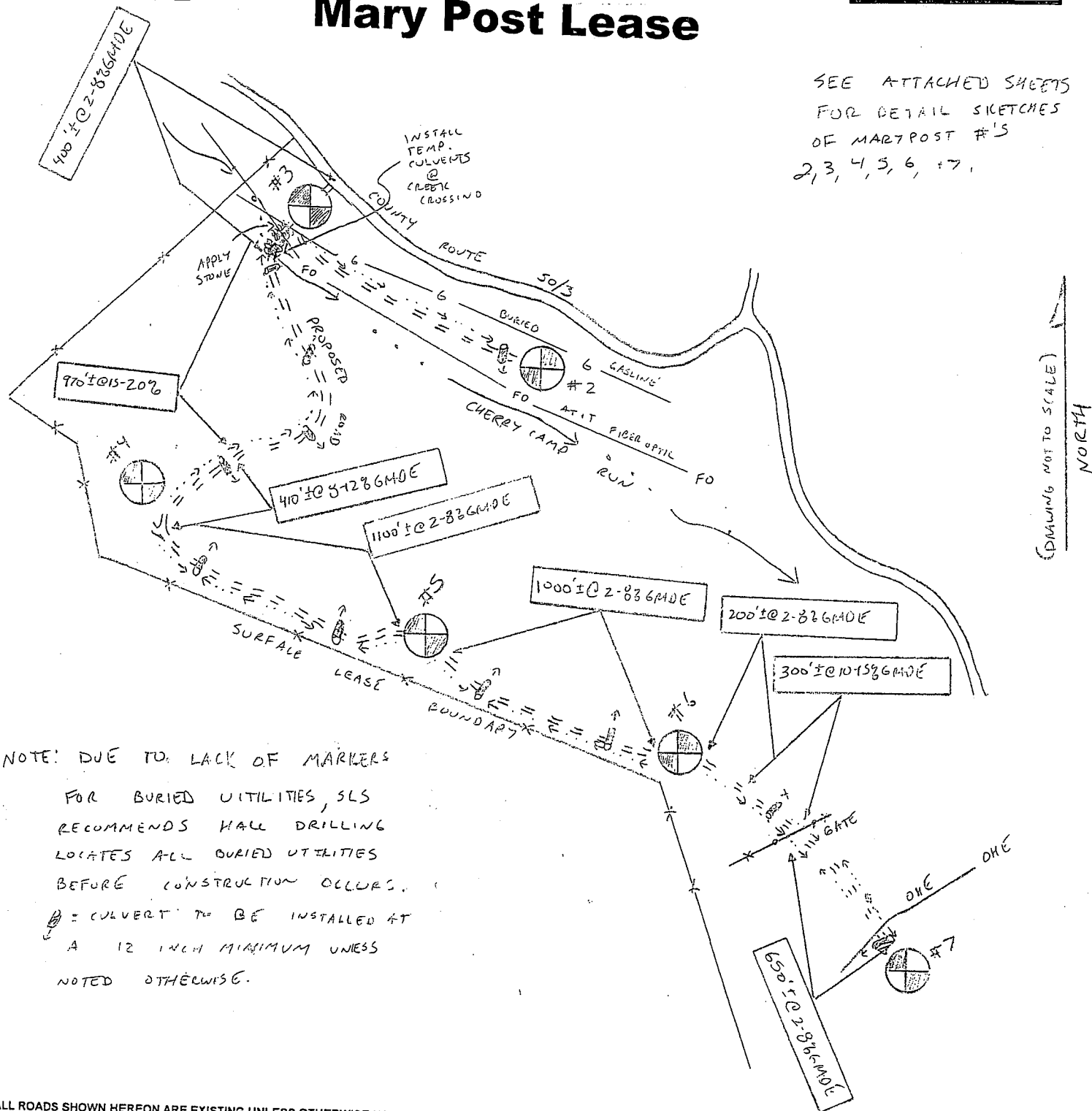
Title: _____

Date: 10-14-08

Field Reviewed? () Yes () No

Mary Post Lease

SEE ATTACHED SHEETS
FOR DETAIL SKETCHES
OF MARYPOST #'S
2, 3, 4, 5, 6, 7.



NOTE: DUE TO LACK OF MARKERS

FOR BURIED UTILITIES, SLS
RECOMMENDS HALL DRILLING
LOCATES ALL BURIED UTILITIES
BEFORE CONSTRUCTION OCCURS.

⊗ = CULVERT TO BE INSTALLED AT
A 12 INCH MINIMUM UNLESS
NOTED OTHERWISE.

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND
SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL.
ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH
WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE
CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED
IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND
BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS
EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED
AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR
AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.



SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

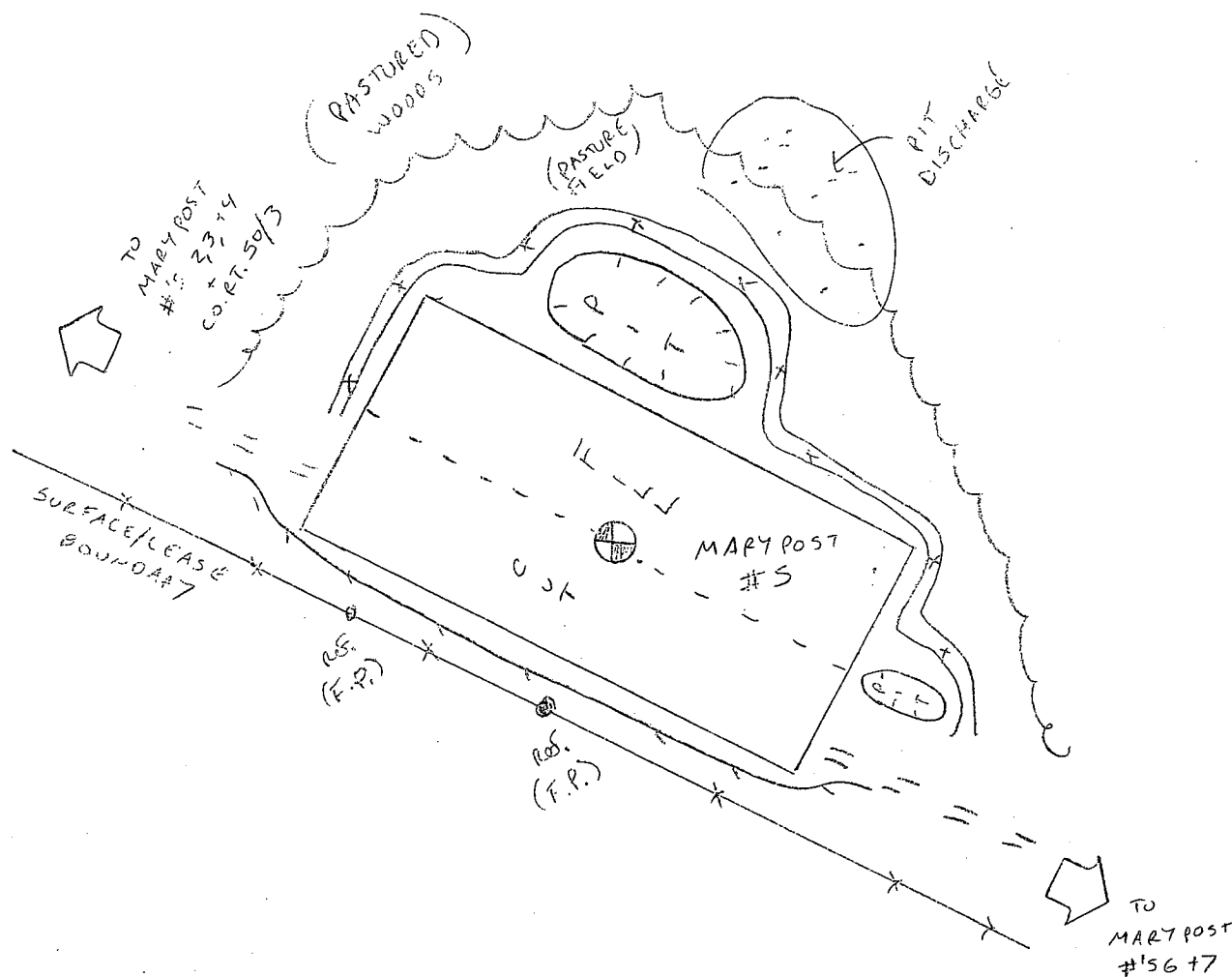
Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 3/24/00 FILE NO. 6919

Mary Post Lease

Well No. 5

SEE ATTACHED SHEET
FOR INFO TO C.O.P.T. 50/3



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

(DRAWING NOT TO SCALE)

NORTH



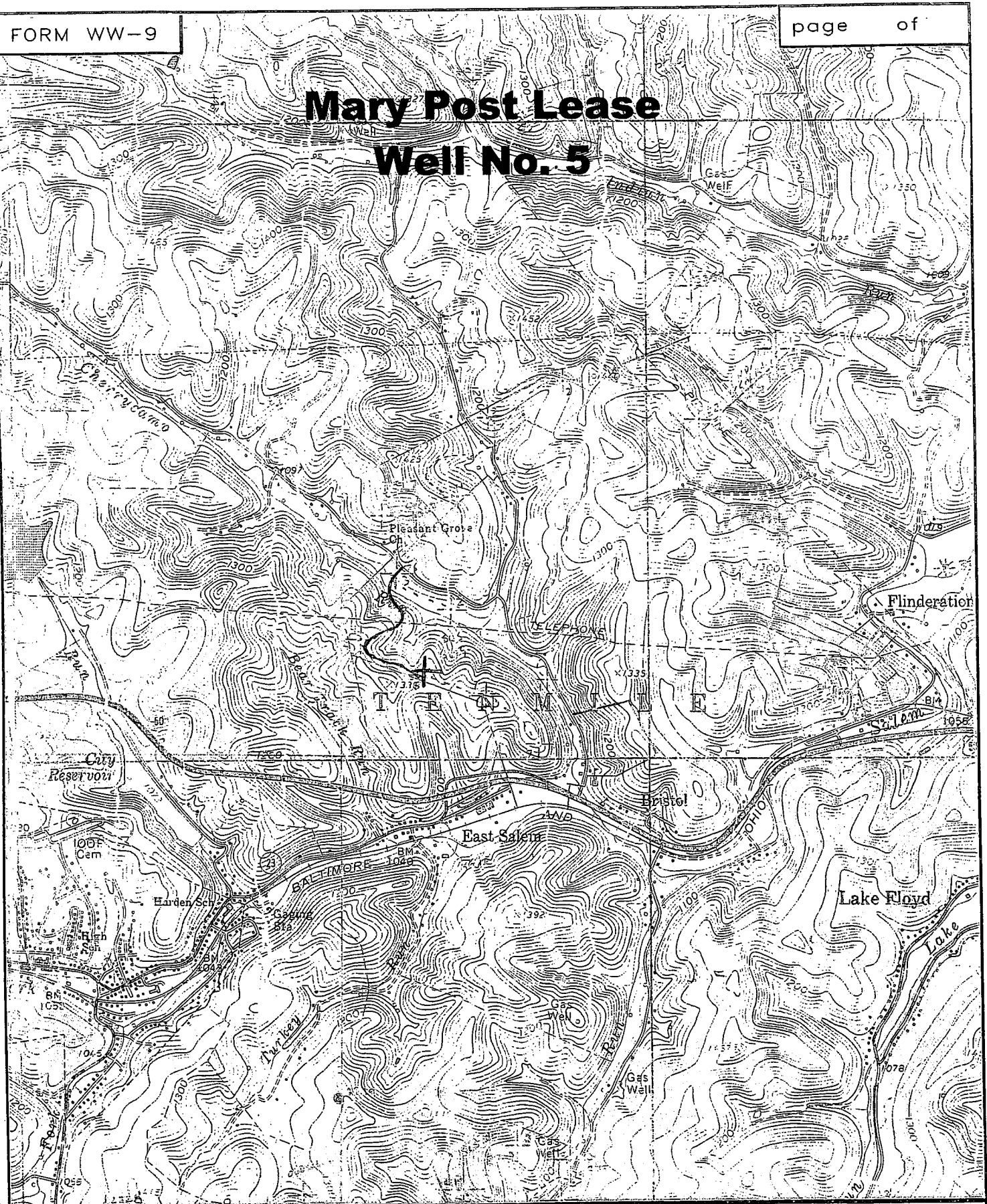
SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 3/24/00 FILE NO. 6919

Mary Post Lease Well No. 5

**SLS**

SMITH LAND SURVEYING
P.O. BOX 150 GLENVILLE, WV. 26351

TOPO SECTION OF SALEM 7.5'

FILE NO. 6919

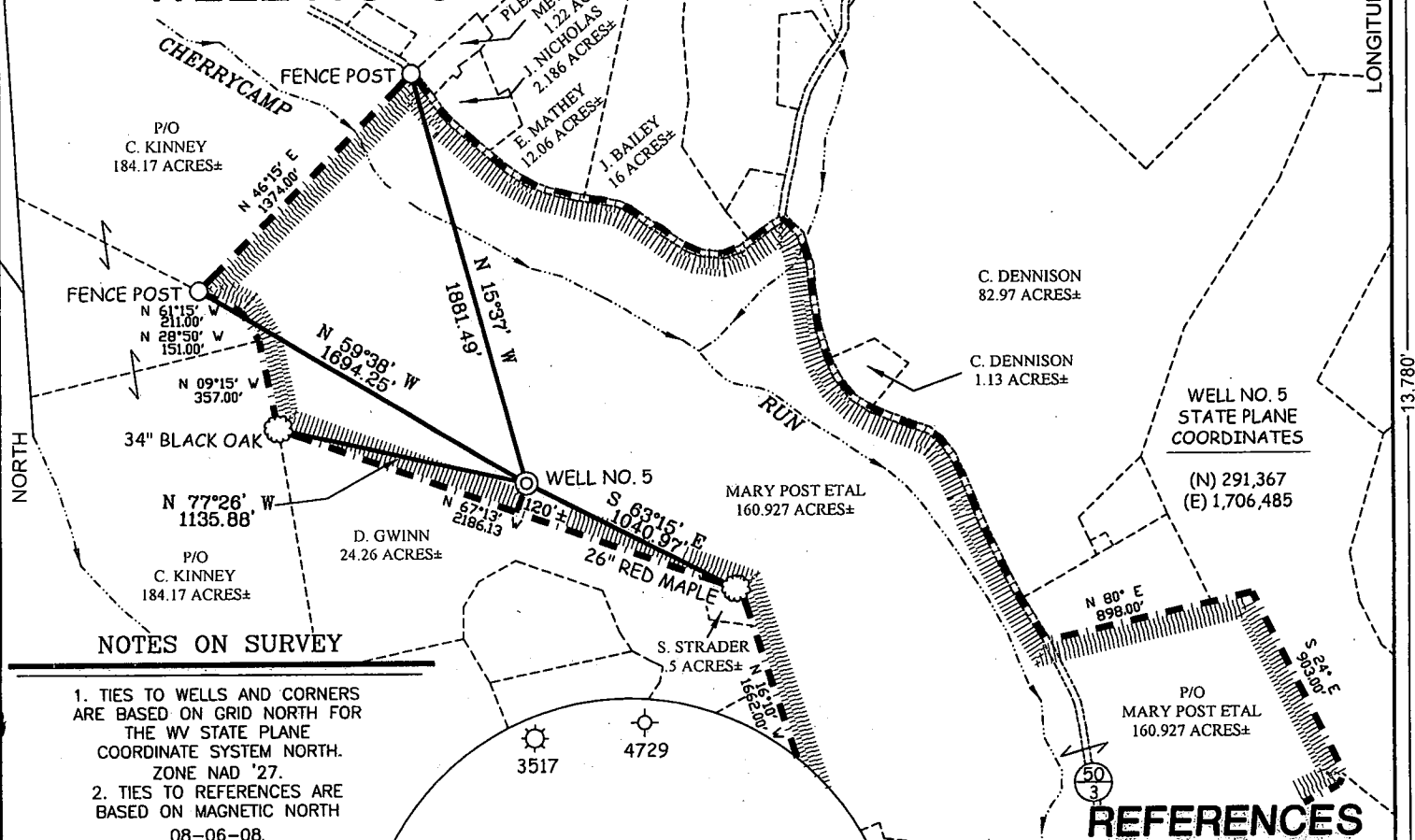
DATE 8/19/08

SCALE 1"=2000'

MARY POST LEASE

169.16 ACRES±

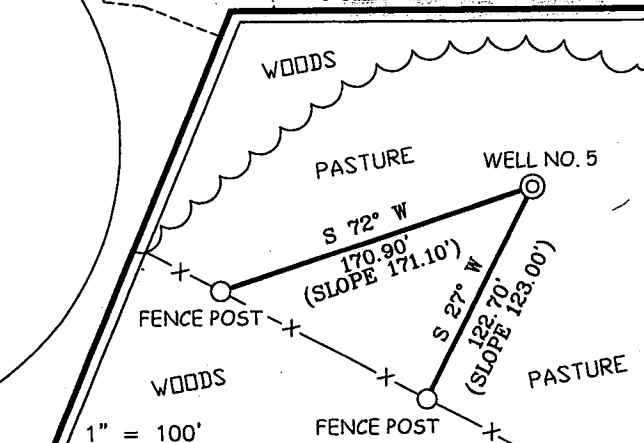
WELL NO. 5



NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH. ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 08-06-08.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 1084 PAGE 800 & DEED BOOK 245 PAGE 242.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2008.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. PROPOSED WELL MARY POST #5 IS APPROXIMATELY 120'± FROM LEASE BOUNDARY.

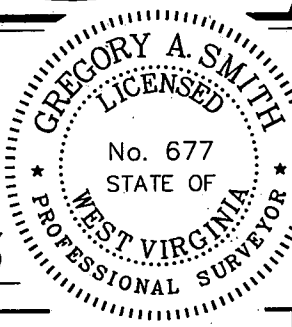
REFERENCES



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S.
677

Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE AUGUST 19, 20 08

REVISED JANUARY 15, 20 09

OPERATORS WELL NO. MARY POST #5

API

WELL

NO.

47

STATE

COUNTY

PERMIT

MINIMUM DEGREE
OF ACCURACY

1 / 200

FILE NO. 6919P5R(264-59)

SCALE 1" = 800'

PROVEN SOURCE
OF ELEVATION

DGPS (SUBMETER MAPPING GRADE)

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ IF "GAS" PRODUCTION ☒ STORAGE ☐ DEEP ☒ SHALLOW ☐ (NOTE 6)

LOCATION: ELEVATION 1,256' WATERSHED CHERRYCAMP RUN DISTRICT TENMILE COUNTY HARRISON QUADRANGLE SALEM 7.5'

SURFACE OWNER MARY POST ETAL ACREAGE 160.927±

ROYALTY OWNER MARY POST ETAL LEASE ACREAGE 169.16±

PROPOSED WORK: LEASE NO. _____

DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒ PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG ☐ OTHER ☐

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS ESTIMATED DEPTH 8,100'

WELL OPERATOR HALL DRILLING, LLC
ADDRESS P.O. BOX 249
ELLENBORO, WV 26346

DESIGNATED AGENT MIKE HALL
ADDRESS P.O. BOX 249
ELLENBORO, WV 26346

COUNTY NAME

PERMIT

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County

HARRIS

Operator

Operator well number

M. Post #5

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, Wv 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well-number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ____ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Company

Name

By

Its

Date

Signature

Date

Mary K. Post, Agent
Signature

Date 8-13-08

Coal owner Notification
Mary Post No. 5

7007 1490 0004 3632 831A

U.S. Postal Service TM
CERTIFIED MAIL TM RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 4.80
Certified Fee	2.70
Return Receipt Fee (Endorsement Required)	2.20
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 9.70



Sent To Virginia Tetrick Heirs c/o Guy Corporation
Street, Apt. No.,
or PO Box No. 139 Lamplighter Drive
City, State, ZIP+4 Morgantown, WV 26508

PS Form 3800, August 2006

See Reverse for Instructions

RECEIVED
Office of Oil & Gas
FEB 04 2009
WV Department of
Environmental Protection

Operator: HALL DRILLING, LLC
API: 3305210
WELL No: MARY POST 6
Reviewed by: _____ Date: _____
15 Day End of Comment: 2/20

CHECKLIST FOR FILING A PERMIT

New Well

- ☐ ☐ WW-2B
- ☒ ☐ Inspector signature on WW-2B
- ☐ ☐ WW-2A (Notarized)
- ☒ ☐ Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- ☒ ☐ Surface Owner Waiver
- ☐ ☐ Coal Owner / Lessee /Operator Waiver
- ☐ ☐ Surface owner consent and easement.
- ☐ ☐ WW-2A-1 (Signed) Showing Book/Page number and Royalty Percentage
- ☐ ☐ WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
- ☐ ☐ WW-9 (Page 1 & 2) (Notarized)
- ☒ ☐ Inspector Signature on WW-9
- ☐ ☐ Reclamation Plan
- ☐ ☐ Topographic Map of location of well
- ☐ ☐ Mylar Plat (Signed Sealed) (Surface owner on plat matches WW-2A)
 - ☐ ☐ Well is at least 400 feet from the nearest lease boundary.
 - ☐ ☐ Well is at least 3000 feet from the nearest offset deep well.
- ☐ ☐ Bond
- ☐ ☐ Company is Registered with the SOS
- ☐ ☐ Worker's Compensation / Unemployment Insurance account is OK
- ☒ ☐ \$900.00 Check (\$800.00 if no pit)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Hall Drilling, LLC Operator ID Harrison County Tenmile District Salem 7.5' Quadrangle

2) Operator's Well Number: Mary Post #6 3) Elevation: 1300'

4) Well Type: (a) Oil _____ or Gas x
 (b) If Gas: Production x / Underground Storage _____
 Deep x / Shallow _____

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8100' Feet

7) Approximate fresh water strata depths: _____

8) Approximate salt water depths: _____

9) Approximate coal seam depths: _____

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work To Drill and Stimulate new well, proposed well to be drilled 80' into the Onondaga for logging purposes, Marcellus completion.

12) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	<u>Size</u>	<u>Grade</u>	<u>Weight per ft</u>	<u>For Drilling</u>	<u>Left in Well</u>	<u>Fill -up (Cu. Ft.)</u>
Conductor						
Fresh Water	<u>9 5/8"</u>		<u>22#</u>	<u>250'</u>	<u>260'</u>	<u>CTS</u>
Coal						
Intermediate	<u>7"</u>		<u>16#</u>	<u>2266'</u>	<u>2266'</u>	<u>CTS</u>
Production	<u>4 1/2"</u>		<u>11.60</u>	<u>8100'</u>	<u>8100'</u>	<u>By Rule 56 case 4-11.1</u>
Tubing						
Liners						

Packers: Kind _____
 Sizes _____
 Depths Set _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Hall Drilling, LLC Operator ID Harrison Tenmile Salem 7.5'
County District Quadrangle

2) Operator's Well Number: Mary Post #6 3) Elevation: 1300'

4) Well Type: (a) Oil _____ or Gas x
 (b) If Gas: Production x / Underground Storage _____
 Deep x / Shallow _____

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8100' Feet

7) Approximate fresh water strata depths: _____

8) Approximate salt water depths: _____

9) Approximate coal seam depths: _____

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work To Drill and Stimulate a New Well

12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor						
Fresh Water	9 5/8"		22#	250'	250'	CTS
Coal						
Intermediate	7"		16#	2266'	2266'	CTS
Production	4 1/2"		11.60	8100'	8100'	By Rule 35 cse 4-11.1
Tubing						
Liners						

Packers: Kind _____
 Sizes _____
 Depths Set _____

0148 55
 900

RECEIVED
 Office of Oil & Gas
 FEB 04 2009
 WV Department of
 Environmental Protection

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:

(a) Name Mary Post
Address RR 5 Box 1240
Salem, WV 26426

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Tim Bennett
Address 737 Karl Street
Weston, WV 26452
Telephone 304-553-1073

5) (a) Coal Operator

Name _____
Address _____

(b) Coal Owner(s) with Declaration

Name Virginia Tetric Hersh / c/o Guy Corporation
Address 139 Lamplighter Drive
Morgantown, WV 26508

Name _____
Address _____

(c) Coal Lessee with Declaration

Name _____
Address _____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR

X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties by:

- Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Hall Drilling, LLC
By: Mike Hall
Its: Designated Agent
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

Subscribed and sworn before me this 27 day of Aug, 2008
[Signature] Notary Public
My Commission Expires 4/18/2011

RECEIVED
Office of Oil & Gas
FEB 4 2009
WV Department of
Environmental Protection

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
Mary Post, et al	<i>Unmolested Land LLC</i>	<i>18th a</i> <i>12.5%</i>	<i>1420/872</i>

RECEIVED
Office of Oil & Gas
FEB 04 2009
WV Department of
Environmental Protection

Well Operator:
By:
Its:

[Signature]
Hall Drilling, LLC
Mike Hall
Designated Agent

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

X Contractor Name

Smith Land Surveying, Inc.

Well operator's private laboratory

Well Operator Hall Drilling, LLC
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

RECEIVED
Office of Oil & Gas
FEB 14 2014
WV Department of
Environmental Protection

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NOTE: There appears to be no potable water sources within 1,000', therefore no tests will be run.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GAS

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Hall Drilling, LLC OP Code

Watershed Cherrycamp Run Quadrangle Salem 7.5'

Elevation 1300' County Harrison District Tenmile

Description of anticipated Pit Waste: Drill Water, Frac Blow Back & Various Formation Cuttings

Will a synthetic liner be used in the pit? Yes

Proposed Disposal Method For Treated Pit Wastes:

- ☒ Land Application
☐ Underground Injection (UIC Permit Number)
☐ Reuse (at API Number)
☐ Off Site Disposal (Supply form WW-9 for disposal location)
☐ Other (Explain)

Proposed Work For Which Pit Will Be Used:

- ☒ Drilling ☒ Swabbing
☐ Workover ☐ Plugging
☐ Other (Explain)

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature

Company Official (Typed Name) Mike Hall

Company Official Title President

Subscribed and sworn before me this 27 day of Aug, 20 08

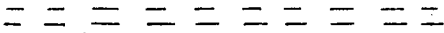
Notary Public


My commission expires 4/18/2011

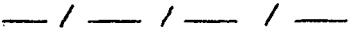
RECEIVED
Office of Oil & Gas
FEB 14 2009
WV Department of
Environmental Protection

LEGEND


Property Boundary 

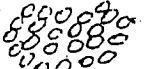
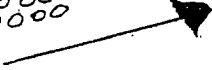
Road 


Existing Fence 


Planned Fence 


Stream 

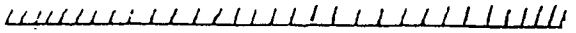
Open Ditch 

Rock 
North 


Buildings 


Water wells 


Drill site 


Diversion 

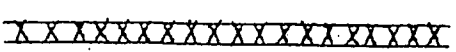
Spring 


Wet Spot 


Drain Pipe with size in inches 

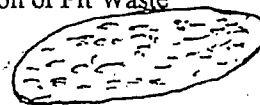
Waterway 

Cross Drain 

Artificial Filter Strip 

Pit: cut walls 

Pit: compacted fill walls 

Area for Land Application of Pit Waste 

Proposed Revegetation Treatment: Acres Disturbed 1.69 +/- Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 TON lbs/acre (500 lbs minimum)

Mulch HAY 2 Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre
KY-31	40
ALSIKE CLOVER	5
ANNUAL RYE	15

Seed Type	Area II lbs/acre
ORCHARD GRASS	15
ALSIKE CLOVER	5

Attach:

Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

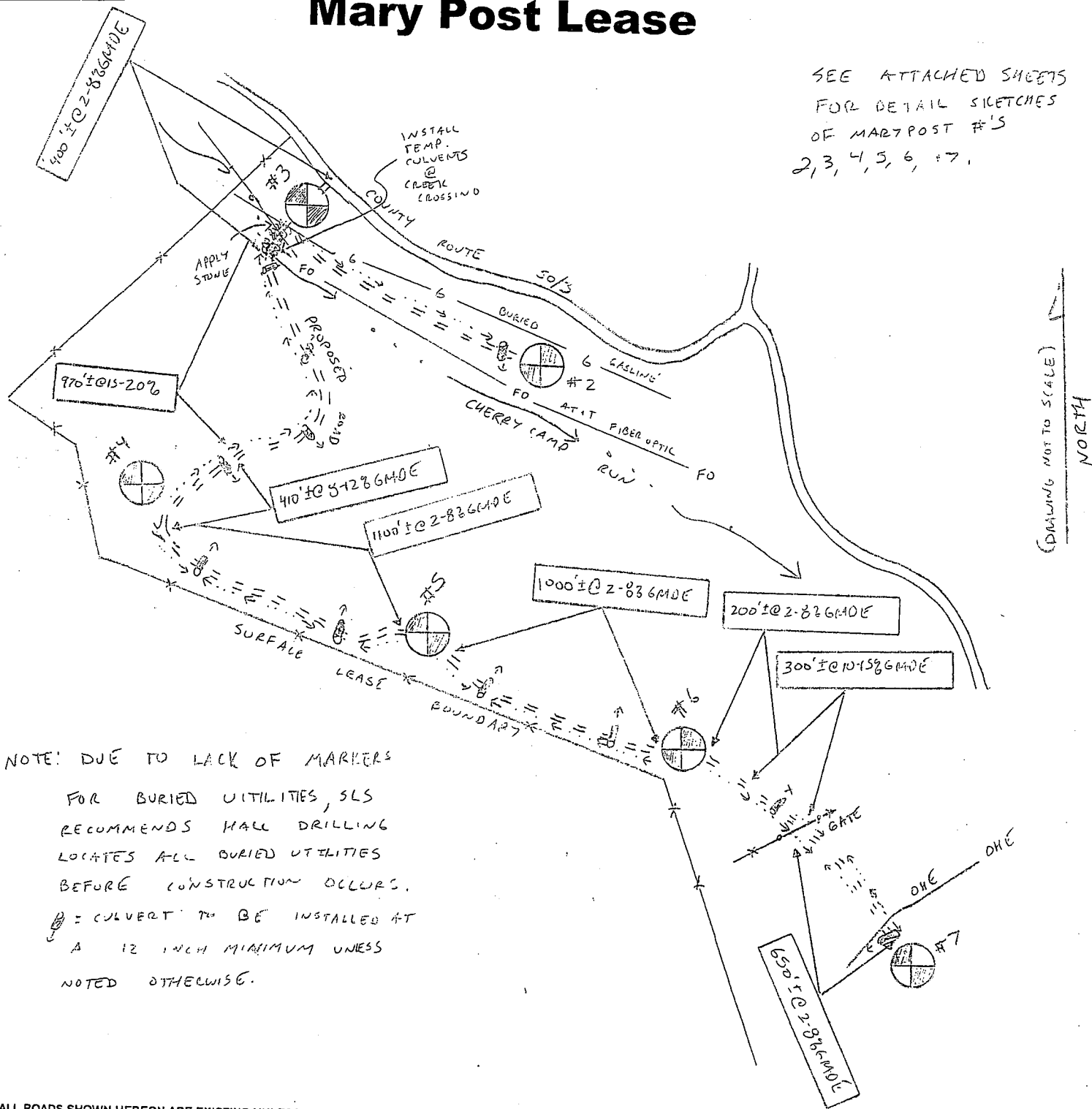
Plan Approved by: 

Title: _____ Date: 10-14-08

Field Reviewed? () Yes () No

Mary Post Lease

SEE ATTACHED SHEETS
FOR DETAIL SKETCHES
OF MARY POST #'S
2, 3, 4, 5, 6, & 7.



NOTE: DUE TO LACK OF MARKERS

FOR BURIED UTILITIES, SLS
RECOMMENDS HALL DRILLING
LOCATES ALL BURIED UTILITIES
BEFORE CONSTRUCTION OCCURS.

⊗ = CULVERT TO BE INSTALLED AT
A 12 INCH MINIMUM UNLESS
NOTED OTHERWISE.

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND
SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL
ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH
WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE
CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED
IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND
BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS
EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED
AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR
AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.



SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

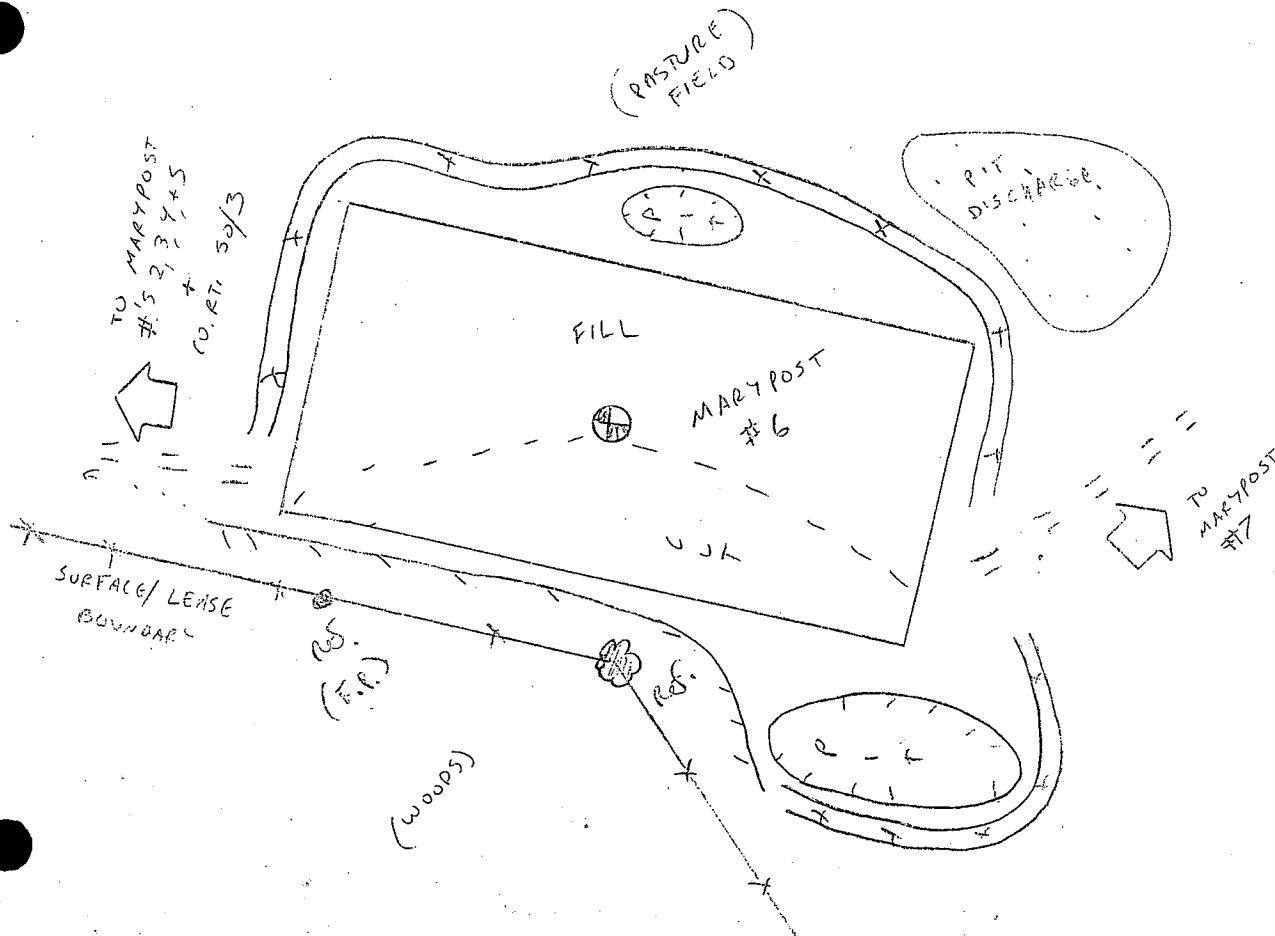
Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 8/24/00 FILE NO. 6919

Mary Post Lease

Well No. 6

SEE ATTACHED SHEET
FOR INFO TO CO. RT 50/3



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS(TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS(ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

(DRAWING NOT TO SCALE)

NORTH



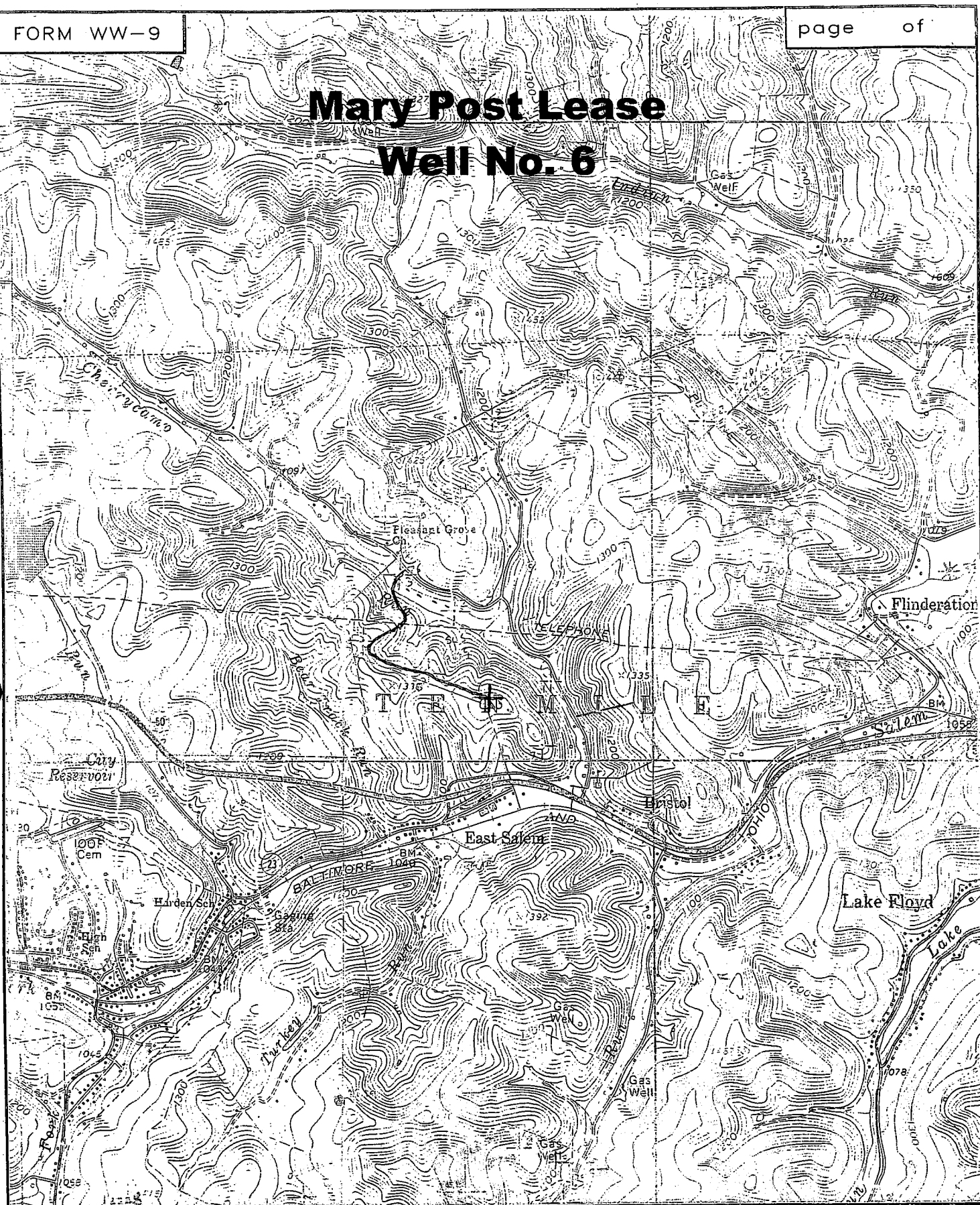
SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 9/24/08 FILE NO. 6919

Mary Post Lease Well No. 6

**SLS**

SMITH LAND SURVEYING
P.O. BOX 150 GLENVILLE, WV. 26351

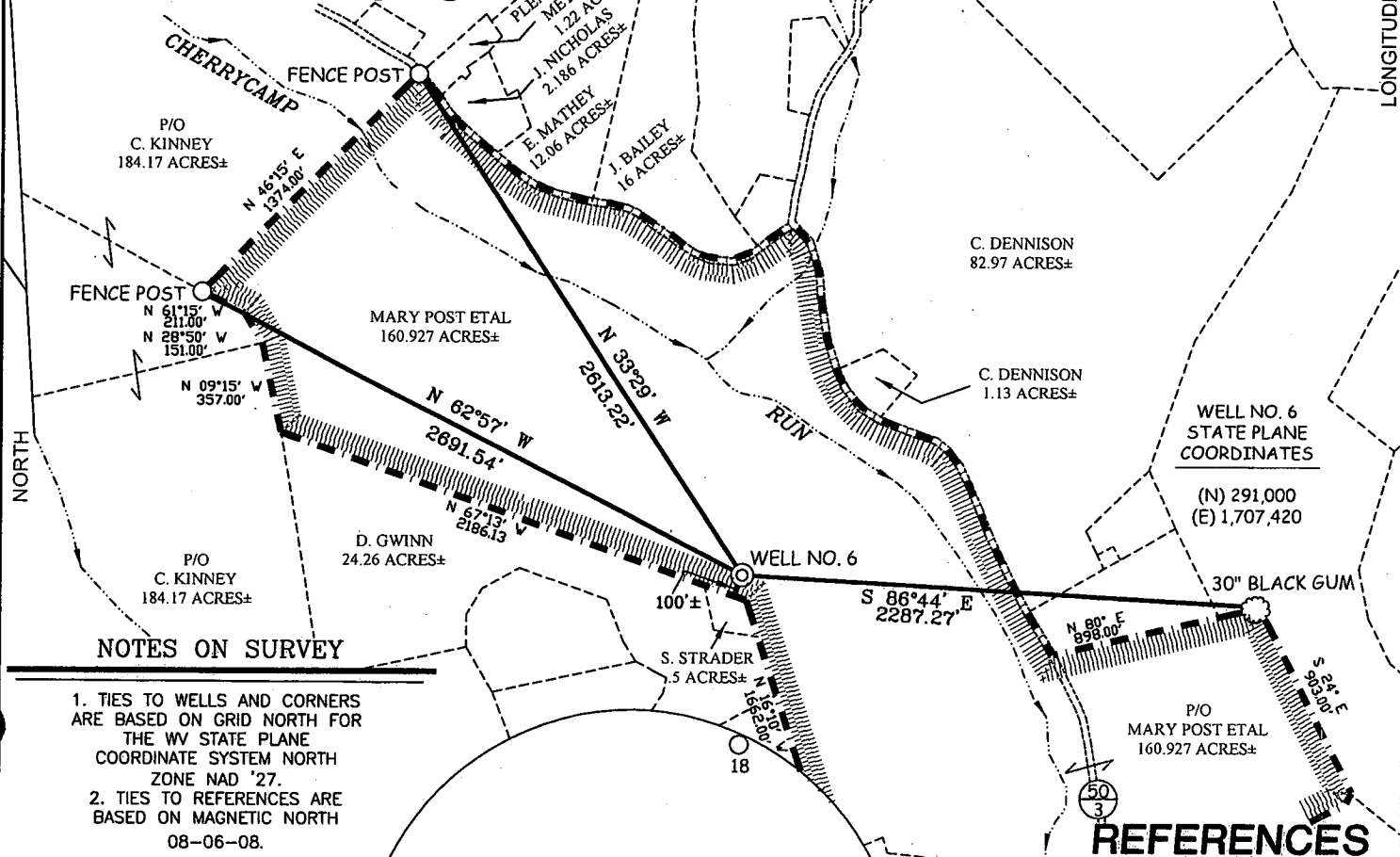
TOPO SECTION OF SALEM 7.5'

FILE NO. 6919 DATE 8/19/08 SCALE 1"=2000'

MARY POST LEASE

169.16 ACRES±

WELL NO. 6

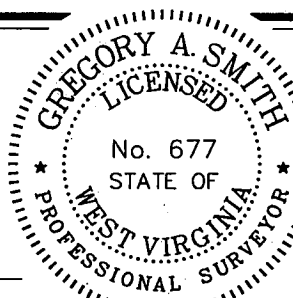


NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 08-06-08.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 1084 PAGE 800 & DEED BOOK 245 PAGE 242.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2008.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. PROPOSED WELL MARY POST #6 IS APPROXIMATELY 100'± FROM LEASE BOUNDARY.

SLS

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S.
677*Gregory A. Smith*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE AUGUST 19, 20 08
REVISED JANUARY 15, 20 09
OPERATORS WELL NO. MARY POST #6
API
WELL NO. 47
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200
FILE NO. 6919P6R(264-59)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)
SCALE 1" = 800'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL _____ GAS ☒ INJECTION _____ WASTE DISPOSAL _____ IF "GAS" PRODUCTION ☒ STORAGE _____ (NOTE 6)
LOCATION: ELEVATION 1,300' WATERSHED CHERRYCAMP RUN
DISTRICT TENMILE COUNTY HARRISON QUADRANGLE SALEM 7.5'
SURFACE OWNER MARY POST ETAL ACREAGE 160.927±
ROYALTY OWNER MARY POST ETAL LEASE ACREAGE 169.16±
PROPOSED WORK: LEASE NO. _____
DRILL ☒ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE ☒ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER _____
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH 8,100'

WELL OPERATOR HALL DRILLING, LLC
ADDRESS P.O. BOX 249
ELLENBORO, WV 26346

DESIGNATED AGENT MIKE HALL
ADDRESS P.O. BOX 249
ELLENBORO, WV 26346

COUNTY NAME

PERMIT

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County

Harrison

Operator

Operator well number

Hall Drilling, LLC
M. Put 236

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit, or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ____ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Mary K. Post, Agent
Signature

Date 8-13-08

Company
Name
By
Its

Date

Signature

Date

Coal Owner Notification
Mary Post No. 6

7007 1490 0004 3632 8318

U.S. Postal ServiceTM
CERTIFIED MAILTM RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 4.80
Certified Fee	2.70
Return Receipt Fee (Endorsement Required)	2.20
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 9.70



Sent To Virginia Tetrick Heirs c/o Guy Corporation
Street, Apt. No.,
or PO Box No. 139 Lamplighter Drive
City, State, ZIP+4 Morgantown, WV 26508

PS Form 3800, August 2006

See Reverse for Instructions

RECEIVED
Office of Oil & Gas
FEB 4 2009
WV Department of
Environmental Protection

American Mountaineer



Energy, Inc.

August 15, 2009

VIA FAX

Mr. James Martin
Chief, Office of Oil & Gas
West Virginia Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

RE: Correction to American Mountaineer Energy, Inc.'s Renewed Objection to Hall Drilling, LLC, and Bluestone Energy Partners permit applications/permits for wells Mary Post #1 and Mary Post #7.

Dear Chief Martin,

One point I failed to make clear in my earlier letter of yesterday, August 14, 2009, renewing the objections of American Mountaineer Energy, Inc. ("AMEI") to the above referenced well permits and permit applications is the following. Based on the information in the permit applications, the proposed wells are actually "shallow" wells and therefore AMEI's objections should have been referred to the Shallow Gas Well Review Board pursuant to W. Va. Code 22-6-17 for the Board's consideration as required by W. Va. Code 22C-8-5.

Thank you for accepting AMEI's renewed objections to the aforementioned gas well permit applications and permits. Please contact me with any questions regarding our position.

Sincerely,

Jason D. Witt

American Mountaineer



Energy, Inc.

August 14, 2009

VIA FAX AND CERTIFIED MAIL

Mr. James Martin
Chief, Office of Oil & Gas
West Virginia Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

RE: American Mountaineer Energy, Inc.'s Renewed Objection to Hall Drilling, LLC, and Bluestone Energy Partners permit applications/permits for wells Mary Post #1 and Mary Post #7.

Dear Chief Martin,

Pursuant to Chapter 22 and 22C of the West Virginia Code, American Mountaineer Energy, Inc. (AMEI) hereby renews and re-files its objections to the gas well drilling permit applications filed by Hall Drilling, LLC and Bluestone Energy Partners for wells Mary Post #1 and Mary Post #7, located in the Tenmile District, Harrison County, West Virginia. As the Lessee of the Pittsburgh #8 coal seam that will be penetrated by these two (2) proposed Marcellus formation wells, AMEI's objections are proper because the wells would penetrate the leased coal seam, and based on the mine plan, the wells, if drilled, would unduly interfere with the mine and potentially sterilize millions of tons of mineable coal.

We understand from your recent letter that the Division issued these permits and ignored or disregarded our earlier-filed objection based on what we believe is an error of law regarding the Division's authority. We hereby renew our objection to the permits and the permit applications, based on, among other grounds, the incorrect information in the permit applications. The Mary Post #1 and #7 well applications were submitted to your office by Bluestone Energy Partners and Hall Drilling, LLC as deep wells. However, any objections should be referred to the Shallow Gas Well Review Board pursuant to WV Code 22C-8-5.

Thank you for accepting AMEI's renewed objections to the aforementioned gas well drilling permit applications and permits. Please contact me with any questions regarding our position.

22-6-15
Coal obj on deep
well

Sincerely,

Jason D. Witt

56854 Pleasant Ridge Road
Alladonia, Ohio 43902
Ph: 740-926-1351
Fax: 740-926-9112

Ext.

Fax

WUDEP

CHIEF, OFFICE OF OIL & GAS

To: MR. JAMES MARTIN

From:

JASON WITZ

Fax: (740) 926-0452

Pages:

2

Phone:

Date:

8/15/09

Re:

CC:

☒ Urgent☐ For Review☐ Please Comment☒ Please Reply☐ Please Recycle

• Comments:

Mary Post 1 - #7

#1 applications rec'd by OOG
no declaration of record

#2 comment period ended 2/20/09

#3 declaration filed on 3/6

#4 Hearing before OGCC (w/i 3,000')
deep Marx wells

#5 ~~order issued~~

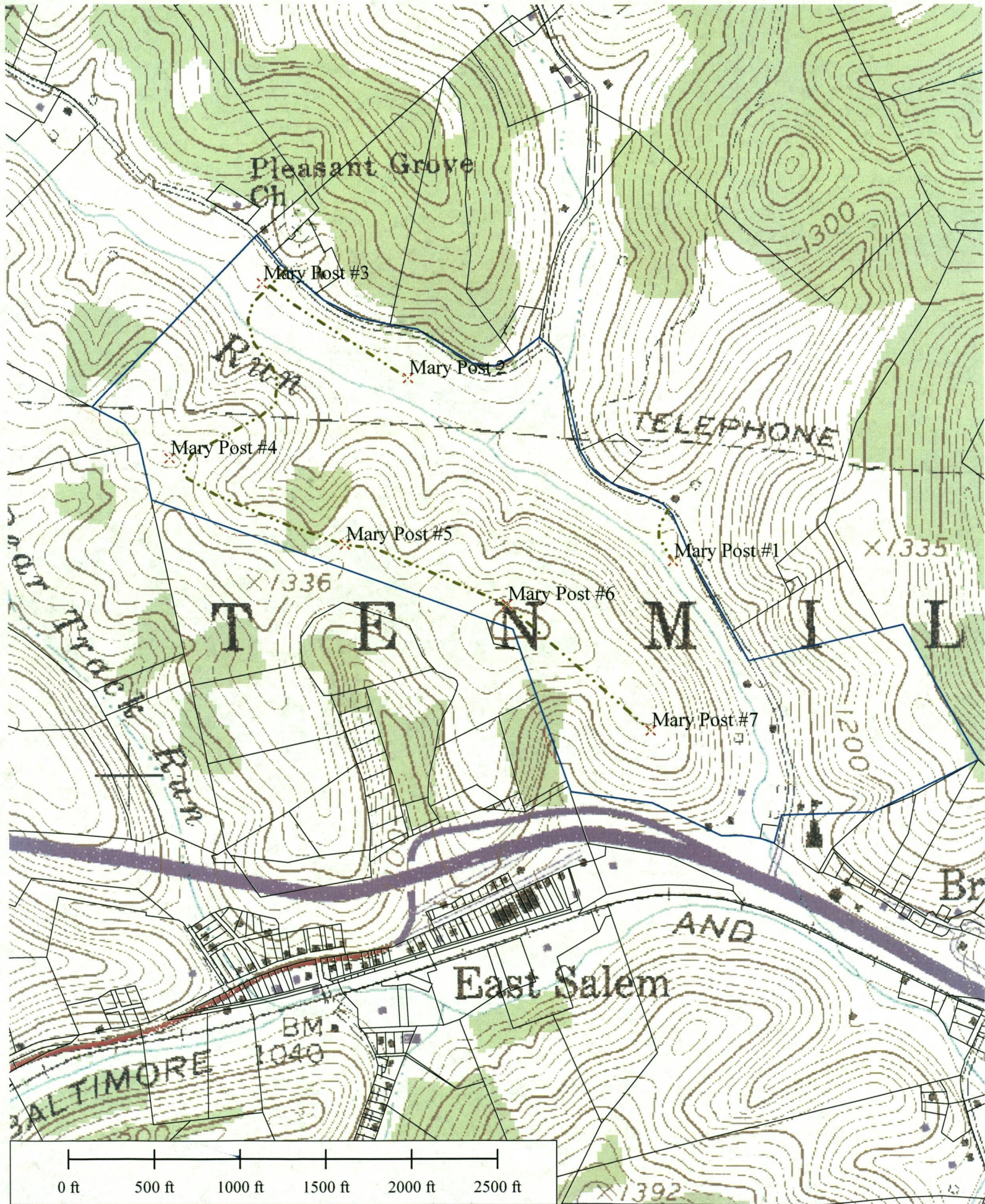
#6 Permits issued on 5/29 for #1-6
2/23 for #7

#5 Objections were rec'd after permits
were issued.

mPost	1	2	3	4	5	6	7
App. rec'd	2/4/09	->					2/4/09
issued	5/29/09	->					2/23/09

did not need
spacing hearing

Mary Post Lease



Face Drilling

✓ Bob 613-2790

✓ Tony 472-3223

✓ Cent.
✓ Face

✓ m. Post

✓ V. Tetrick

March 24, 25, 26

✓ Commission

emailed
Fran? Craig Room

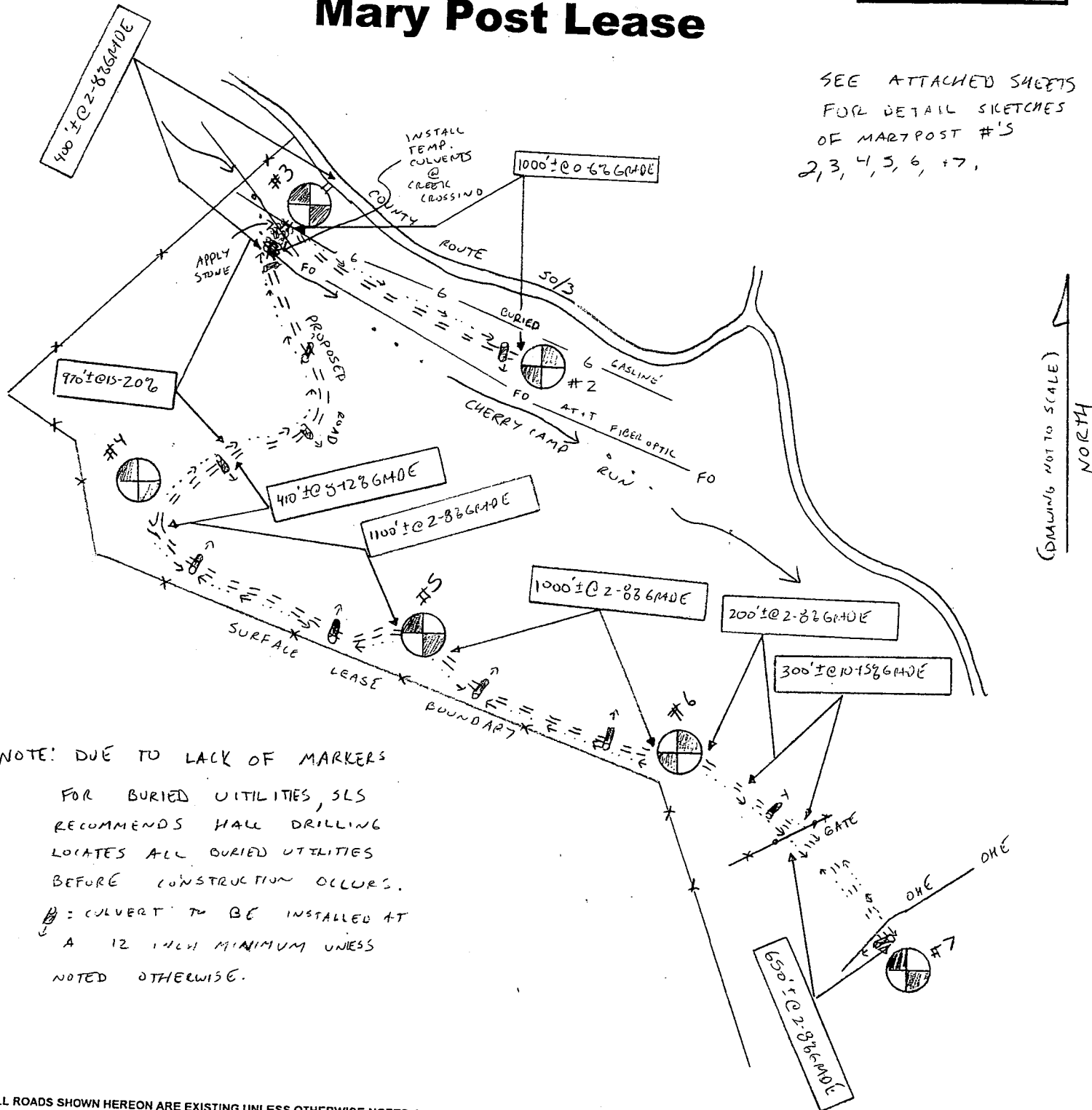
✓ SoS

✓ newspaper

✓ Chap.

Mary Post Lease

SEE ATTACHED SHEETS
FOR DETAIL SKETCHES
OF MARTPOST #'S
2, 3, 4, 5, 6, + 7.



NOTE: DUE TO LACK OF MARKERS

FOR BURIED UTILITIES, SLS
RECOMMENDS HALL DRILLING
LOCATES ALL BURIED UTILITIES
BEFORE CONSTRUCTION OCCURS.

B = CULVERT TO BE INSTALLED AT
A 12 INCH MINIMUM UNLESS
NOTED OTHERWISE.

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL. ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

SL5

SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 8/24/00 FILE NO. 6919

Lease Name: Mary Post Lease

Acreage: 169.16 Acres +/-

Well: Well No.1

Distance from nearest lease line: approximately 100 feet (as shown on plat)

Permitted Deep Wells within 3000':

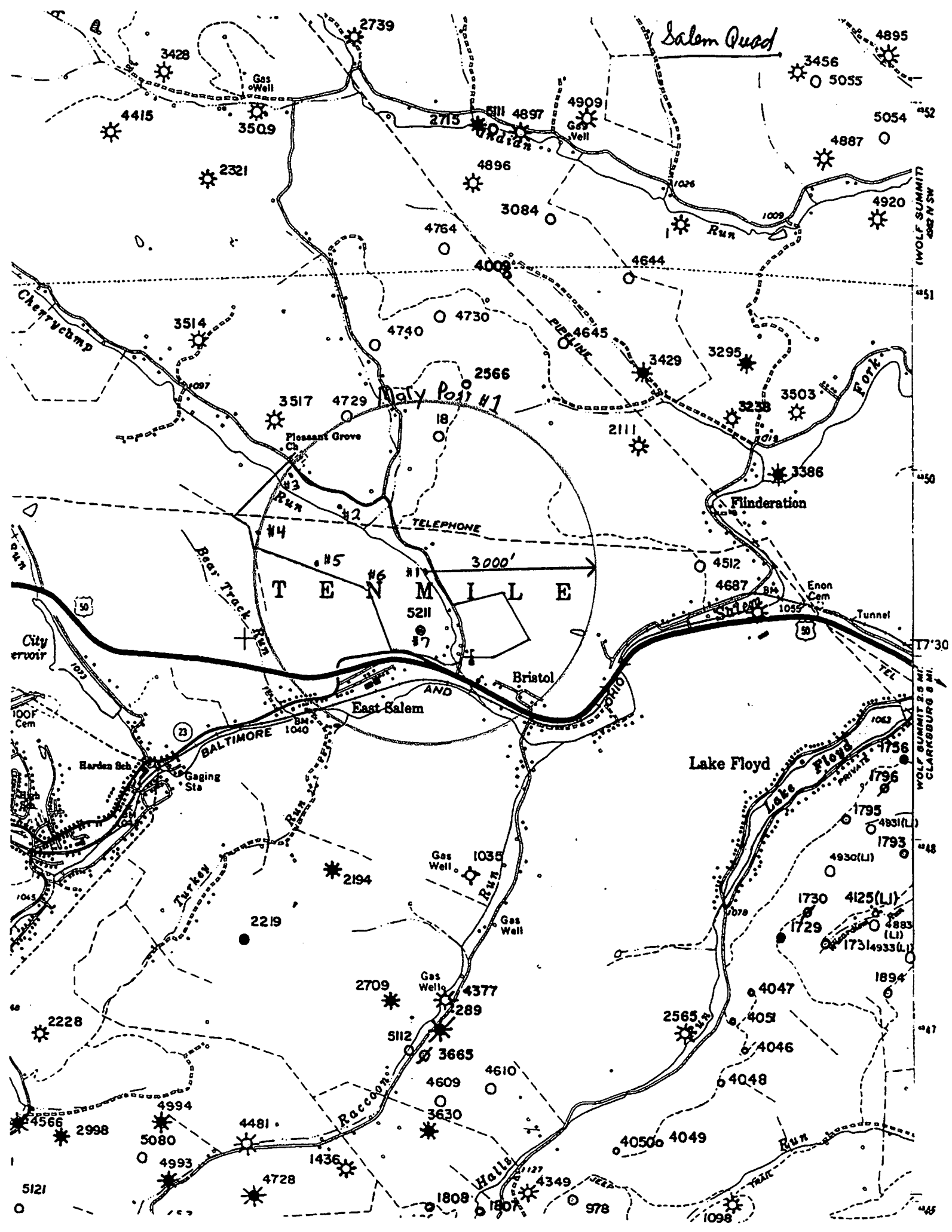
1. Permit # 47-033-05211 (Hall Drilling Mary Post #7)

Proposed Deep Wells within 3000':

1. Proposed Well (Hall Drilling *Mary Post #2*)
2. Proposed Well (Hall Drilling *Mary Post #3*)
3. Proposed Well (Hall Drilling *Mary Post #4*)
4. Proposed Well (Hall Drilling *Mary Post #5*)
5. Proposed Well (Hall Drilling *Mary Post #6*)

Applying for a deep well permit to drill with 100 feet into the Onondaga per code

Hall Drilling has no issue drilling within the 3000 feet of our own wells as per those wells listed above in relationship to the proposed Mary Post No. 1.



WOLF SUMMIT 2.5 MI. CLARKSBURG 8 MI.

Needs Order

197-190